

62
"German's Seeds Germinate"

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U. S. Department of Agriculture

1958

Our 32nd Year

MARIGOLD, PETITE VARIETIES

All-America Award Winners for 1958. Pictured here is the mixture of the four new varieties.



PETUNIA, MAYTIME

All-America Award Winner for 1958. Beautiful light salmon-pink Grandiflora.

FLORISTS' and MARKET GARDENERS'

Wholesale Price List

H. G. GERMAN *Seeds*

SMETHPORT • PENNA.



VERBENA, CALYPSO

Mixture of gaily striped blooms. See page 23.



PETUNIA, GLITTERS

All-America Winner for 1957. Comanche-red with white stripes and blotches. See page 17.



PETUNIA, RED SATIN

All-America Winner for 1957. Deeper, brighter red; dwarf, compact plant. An improvement over Comanche. See page 17.



DWARF STAR PHLOX, TWINKLES

An ideal combination or bedding plant. See page 19.



Partial view of our trial gardens, where all new varieties are tested before we offer them for sale.

German's Seeds Germinate

GERMAN'S SEEDS are obtained from the best sources available and are for the most part originator's stock. The remainder are obtained from leading American and European growers.

We solicit business from the critical florist grower. In this catalog we have tried to do all possible to list the most profitable and leading strains available today.

We sell only seeds of good vitality, which will grow under normal conditions. All seeds are tested in our own laboratory before shipping.

H. G. German, Seeds, warrants to the extent of the purchase price that seeds or bulbs sold are as described on the container, within recognized tolerances. Seller gives no other or further warranty, express or implied.

We invite inquiries from large growers. Write us about your requirements on any seeds listed in this catalog, and we will answer promptly.

Discounts: When cash is enclosed: under \$5.00, net; \$5.00 to \$25.00, 5%; \$25.00 and over, 8%.

On charge orders: If paid within 10 days from date of invoice: under \$5.00, net; \$5.00 to \$50.00, 2%; \$50.00 to \$100.00, 5%; \$100.00 and over, 8%.

C.O.D. Shipments: Not recommended because of extra costs and frequent delays in delivery. 25% cash down payment must be sent with order, and cash discount not allowed on C.O.D. orders.

Payments should accompany all orders unless credit has been established.

All prices in this catalog subject to change without notice.

All seed orders sent prepaid to U. S. and Canada.

Time Payments: If you wish to open an account with us, send name of your bank and at least two (2) business references. To customers of established credit we offer these terms:

Florists' Terms: SEEDS ONLY. Due *net* June 15 (on goods shipped after that date, December 1).

Market Gardeners' Terms: Vegetable seeds only. All bills due and payable *net* August 1 (for goods shipped after that date, December 1).

Note: ALL SUPPLIES STRICTLY CASH WITH ORDER and may not be charged.

All items in this catalog are offered subject to crop failures or shortages.

All orders shipped by return mail

H. G. GERMAN •

SMETHPORT, PA.
103 Bank St. Phone: 436

Specialists in Florists' Flower Seeds

What's New for 1958

The following new items will add sparkle and change to your plant list for the coming busy sales season. Petunias, Marigolds, Salvias, Pansies and Zinnias are still the most popular spring bedding plants. The new Petunias, including the new All-America Award winner for 1958—Maytime—should be on every grower's list. The new Marigolds (Petite varieties) bring you early, compact, free-flowering plants that will soon win the approval of all who grow them.

NEW FLOWERS

ANTIRRHINUM (Snapdragons)

Futura Snap. Page 5. New garden varieties. Strong, heavy stems with long, close-set flower spikes and extremely vigorous plants. Five separate colors or the mixture which contains all five in equal proportions.

GOMPHRENA

Cissy. Page 12. A new pure white companion for the very popular Buddy.

LOBELIA

Rosamond. Page 13. A new color for edging and combinations.

MARIGOLD, Dwarf French Double

Petite Harmony, Petite Orange, Petite Gold and Petite Yellow. Page 13. Mixture pictured on front cover.

PANSY

Clear Crystals. Page 14.

PETUNIAS

In order to clear up the confusion regarding the number of seeds in a packet of F₁ Hybrid Petunias, we made a count of the seeds OUR packets contain. We obtained the following averages: 1/2 trade packets average 725 seeds; trade packets average 1260 seeds. The number varies with the varieties, for the seeds are not uniform in size.

Maytime. Page 16. A real beauty.

Blue Lustre. Page 16. Deep lustrous velvet blue.

Velvet Robe. Page 16. Color of Velvet Ball or King Henry, but very uniform.

PETUNIAS, continued

F₁ Hybrid Multifloras

Pink Satin. Page 17. Same globe-shaped plant as Red Satin. Brilliant rose-pink flowers command attention.

Peach Satin. Page 17. The third member of the Satin series. Warm salmon-pink.

Star Flight. Page 17. Color similar to the old Elk's Star, but more compact habit, more uniformly starred and a more profuse bloomer.

Snow Ball. Page 17. Early flowering. 3-inch pots for Memorial Day had 15 to 20 open blooms.

Alpha Crimson. Page 17. A new color in F₁ Hybrid Multifloras, like King Henry.

Alpha White. Pure white.

Alpha Red. Color close to Red Satin but slightly brighter, fades less.

Alpha Purple. The best dwarf dark blue or purple.

Dwarf California Giants

Multibloom Mixed. Page 18. Dwarf, profuse bloomer.

Hybrida Nana Compacta

Sky Chief. Page 19. An extremely uniform light blue.

SWEET WILLIAM, ANNUAL

Wee Willie. Page 23. Ideal for flat and bedding plant sales.

VERBENA

Calypso (Candy Striped). Page 23. 80% or more are striped. The brightest new novelty item of the year.

ZINNIA

Miss Universe. Page 24. The largest Zinnia ever bred.

NEW VEGETABLES

BEET

Ruby Queen. Page 29. All-America Award for 1958.

CABBAGE

F₁ Hybrids. Page 29. Try these new strains. Once grown, they will be demanded by your customers. Extremely uniform production.

CUCUMBER

F₁ Hybrid Early Marketer. Page 31.

LEAF LETTUCE

Ruby. Page 31. All-America Award for 1958. Meets the increasing demand for a good red Lettuce.

Red Salad Bowl. Page 31. A red strain of the popular loose-leaf variety.

AND DON'T FORGET - - - ALL ORDERS SHIPPED BY RETURN MAIL

FLOWER SEEDS

In order to assist our customers, we are giving the following information under each variety: the approximate number of seeds per ounce; temperature for best germination; number of weeks required to germinate; and in the case of spring bedding plants, the approximate sowing date for salable plants for late May and early June sales. Example: AGERATUM, 238,000 S; 65° to 75° F.; 3 weeks; late Dec.



AGERATUM, Blue Mink

AGERATUM

238,000 S; 65° to 75° F.; 3 weeks; late Dec.

Blue Mink. Tetraploid. Large, powder-blue flower heads freely produced on 6 to 8-in. plants. Produces huskier plants for fast sales in pots or flats. Tr. pkt. 50c, 1/8oz. \$1.65, 1/4oz. \$3.00.

Blue Ball Improved. 6 to 10 in. Tr. pkt. 50c, 1/8oz. 70c, 1/4oz. \$1.30, oz. \$4.25.

Blue Bedder. Medium-sized, bright blue flowers. Tr. pkt. 50c, 1/8oz. 90c, 1/4oz. \$1.60, oz. \$5.00.

Golden Ageratum (*Lonas inodora*). Clusters of golden yellow, ageratum-like flowers freely produced on a 12-in. plant. Tr. pkt. 40c, 1/8oz. 80c, 1/4oz. \$1.50.

Little Blue Star. One of the earliest. Small, light blue flower heads, fine for bedding. Tr. pkt. 50c, 1/4oz. \$1.00, oz. \$3.50.

Midget Blue. Profuse blooming; clear blue. This is the finest seed-produced strain, with Blue Bedder a close second. 4 to 6 in. Tr. pkt. 50c, 1/8oz. \$1.00, 1/4oz. \$1.75, oz. \$6.00.

Dwarf White Improved. Pure white, quite uniform. Tr. pkt. 50c, 1/4oz. \$1.25, 1/2oz. \$2.00.

Fairy Pink. Light salmon-pink. Tr. pkt. 50c, 1/8oz. \$1.00, 1/4oz. \$1.85.

ALYSSUM maritimum (Sweet Alyssum)

80,000 S; 65° to 75° F.; 2 weeks; early Feb.

Royal Carpet. 1953 Top All-America Selection. A new gem for the garden. The spreading, compact habit and rich violet color will make it an excellent companion for Carpet of Snow. Height 3 in.; spread 10 to 12 in. Tr. pkt. 40c, 1/4oz. \$1.30, oz. \$3.90.

Carpet of Snow. Spreading. 2 to 3 in. Tr. pkt. 20c, 1/4oz. 35c, oz. \$1.00.

Little Dorrit. Miniature white. 4 in. 1/4oz. 30c, oz. 95c.

Violet Queen Improved. Special selection. Deep bright violet; very compact. Tr. pkt. 30c, 1/4oz. \$1.30, 1/2oz. \$2.10, oz. \$3.95.

AMARANTHUS

65° to 75° F.; 2 to 3 weeks; Apr. 15

Molten Fire. (28,000 S) Fiery crimson and maroon. Tr. pkt. 25c, 1/4oz. 70c.

Tricolor Splendens. (60,000 S) Beautiful green, yellow and red foliage. Handle like Coleus. Tr. pkt. 25c, 1/4oz. 60c.

ANTIRRHINUM (Snapdragon)

"Snapdragons," 1954 edition, lists the leading varieties, gives the number of days from sowing to benching and the number of days from benching to blooming for every month of the year. Available upon request.

We are always glad to help our customers select the best varieties for their conditions and invite inquiries from them. When writing, state the season you want the Snaps to bloom and when you can bench them. We will gladly send suggestions.

"SNAPS" for Greenhouse Forcing Expected Blooming Periods

All blooming periods marked below are based on pinched plants grown on raised benches at 50° F. nights. In order to better describe the many varieties listed, we have divided them into five groups: E, early varieties that flower by Dec. 15; M, mid-season (often called winter-blooming) varieties that bloom from Dec. 15 to Jan. 15; L, those blooming after Jan. 15; S, spring bloomers that are very late and should be planted to follow chrysanthemums at the earliest; and HW, hot-weather varieties for June, July, August and September flowering only.

We recommend the following varieties for greenhouse forcing from late May to early October:

WHITE—Crystal White, June Bride, Potomac White.

PINK—Rockwood Summer Pink No. 1, Potomac Pink.

YELLOW—Sunshine, Rockwood Summer Yellow, Potomac Yellow.

LAVENDER—Rockwood's Lavender-Rose.

RED—Navajo.

Pink and Rose Hybrids

M **Anne Marie.** (J. S. Yoder.) Light pink, just a shade darker than Christina and blooms about 10 days later. Very large spikes on stiff, heavy stems. 1/2tr. pkt. \$2.00, tr. pkt. \$3.50.

E **Christmas Cheer.** (Windmiller.) Well-known light rose-pink. Tr. pkt. \$3.00.

M **Crusader.** (Yoder Bros.) Light Dorcas Jane pink shade. Tr. pkt. \$3.50.

M **Flower Girl.** (Ball.) Long, medium pink spikes carried on clean, firm stems. 1/2tr. pkt. \$2.00, tr. pkt. \$3.50.

M **Hercules.** (Ball.) Light pink. Very hard, clean stem. 1/2tr. pkt. \$2.00, tr. pkt. \$3.50.

M **Holiday.** (Ball.) Medium pink; long spikes. 1/2tr. pkt. \$2.00, tr. pkt. \$3.50.

M **Jackpot.** (Ball.) A good producer. Medium dark rose; heavy stems and long spikes. 1/2tr. pkt. \$2.00, tr. pkt. \$3.50.

ANTIRRHINUM, continued

Pink and Rose Hybrids, continued

- M **Libby.** (Yoder.) A dark rose-pink hybrid with very strong stem and good vigor. Large florets, close set. A second early, flowering after Mary Ellen. $\frac{1}{2}$ tr. pkt. \$2.00, tr. pkt. \$3.50.
- E **Maryland Pink.** (Winkler.) Soft creamy pink. $\frac{1}{2}$ tr. pkt. \$2.00, tr. pkt. \$3.50.
- M **Mountain Pink.** Medium rose-pink. Vigorous, clean grower. Outstanding for stem length and strength. $\frac{1}{2}$ tr. pkt. \$1.75, tr. pkt. \$3.00.
- M **Native Dancer.** (Yoder Bros.) Light rose-pink. Shows greatest vigor yet observed in midwinter Snaps. Recommended for mid-December through early May. Tr. pkt. \$3.50.
- E **New Times.** (Pan American.) Better Times color. Hybrid with vigorous growth and good stems. $\frac{1}{2}$ tr. pkt. \$1.75, tr. pkt. \$3.00.
- M **Pompey.** (Yoder Bros.) Medium pink; long spikes. Tr. pkt. \$3.50.
- M **Prestige.** (Yoder Bros.) Lustrous dark pink. Full spikes of highest quality. Tr. pkt. \$3.50.
- E **Rebecca.** (J. S. Yoder & Son.) NOT AVAILABLE UNTIL JUNE 1958. Beautiful pink, slightly lighter than Christina, earlier, but with the same large spikes and fine stems. $\frac{1}{2}$ tr. pkt. \$2.00, tr. pkt. \$3.50.
- M **Rockwood's Early Hybrid Pink No. 1.** Light rose-pink; very strong stems, close-set florets. Best for single stem. $\frac{1}{2}$ tr. pkt. \$2.00, tr. pkt. \$3.50.
- M **Rosanna.** (Ball.) An early deep rose. Strong, clean grower. $\frac{1}{2}$ tr. pkt. \$2.00, tr. pkt. \$3.50.
- L **Show Girl.** (Ball.) Medium dark rose. Excellent for spring. $\frac{1}{2}$ tr. pkt. \$2.00, tr. pkt. \$3.50.
- L **Spartan Rose.** MSC #13. Medium rose-pink, nicely spaced florets on a long spike. $\frac{1}{2}$ tr. pkt. \$1.75, tr. pkt. \$3.00.
- E **Whirlaway.** (Yoder Bros.) Light rose-pink with yellow lip. Closely spaced florets on long spikes. Tr. pkt. \$3.50.
- E **Wintergreen.** (Yoder Bros.) Very fine light rose-pink. Compact spikes; uniformly placed florets; stiff wiry stems. Tr. pkt. \$3.50.

Pink and Rose Open Pollinated

- S **Rockwood's Pink Supreme.** Good dark pink. To follow Mums only. Tr. pkt. \$2.00.
- HW **Rockwood Summer Pink No. 1.** Rose-pink. Bred for late spring and summer flowering. $\frac{1}{2}$ tr. pkt. \$1.75, tr. pkt. \$3.00.

Red Hybrids

- E **Cherokee.** (Ball.) Bright scarlet-red, long, well-formed spikes. Good winter and spring. $\frac{1}{2}$ tr. pkt. \$2.00, tr. pkt. \$3.50.
- E **Commando.** (Yoder Bros.) A pleasing red shade. Earliness, clean growth and uniformity add up to a fine novelty. Tr. pkt. \$3.50.
- E **Man o'War.** (Yoder Bros.) Intense copper-red with yellow lip. Good winter and spring. A fireball for Christmas and Valentine's Day. Tr. pkt. \$3.50.
- M **Maryland Red.** (Winkler.) Beautiful new red. Large spikes and florets; heavy stems. $\frac{1}{2}$ tr. pkt. \$2.00, tr. pkt. \$3.50.
- M **Navajo.** (Ball.) Bright red. Good-sized florets on an extra-long spike, with hard stem. $\frac{1}{2}$ tr. pkt. \$2.00, tr. pkt. \$3.50.
- M **Priscilla Ann.** (Yoder.) Velvety crimson; very strong stems and nicely spaced florets. $\frac{1}{2}$ tr. pkt. \$2.00, tr. pkt. \$3.50.
- E **Rockwood Hybrid Red No. 15.** Large, well-formed, dark red or crimson flowers on heavy, wiry stems. A good early variety for fall and winter. Season—late September to June. $\frac{1}{2}$ tr. pkt. \$2.00, tr. pkt. \$3.50.

Lavender Hybrids

- M **Bold Venture.** (Yoder Bros.) Magenta or purple. Hard stem; very uniform. Tr. pkt. \$3.50.
- L **Lavender Lady.** (Ball.) Deep rosy lavender. For late winter and spring. $\frac{1}{2}$ tr. pkt. \$2.00, tr. pkt. \$3.50.
- M **Small's Lavender.** (Small.) The earliest and best lavender available. Blooms a few days earlier than Margaret. Excellent spikes and strong stems. Tr. pkt. \$3.00.
- M **Twilight.** (H. G. German.) Orchid-lavender, close-set florets on heavy stems. Shows its hybrid vigor; winter bloomer. $\frac{1}{2}$ tr. pkt. \$2.00, tr. pkt. \$3.50.

Lavender Open Pollinated

- L **Earliest Lilac.** (Windmillier.) Tr. pkt. \$2.00.
- HW **Rockwood's Lavender-Rose.** $\frac{1}{2}$ tr. pkt. \$1.75, tr. pkt. \$3.00.

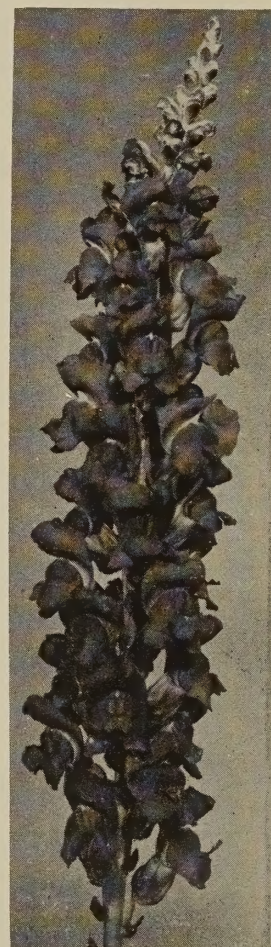
Bronze Hybrids

- M **Barbara.** (Yoder.) Rich bronze; large spikes on strong stems. Spikes slightly open. $\frac{1}{2}$ tr. pkt. \$2.00, tr. pkt. \$3.50.
- M **Cavalcade.** (Yoder Bros.) Very vigorous golden bronze. Tr. pkt. \$3.50.
- M **Gallant Fox.** (Yoder Bros.) Excellent medium rosy bronze. Tr. pkt. \$3.50.
- L **Indian Chief.** (Ball.) Scarlet-bronze for spring. $\frac{1}{2}$ tr. pkt. \$2.00, tr. pkt. \$3.50.
- M **Maryland Orange.** (Winkler.) Large; bright rosy bronze. Stiff stems. $\frac{1}{2}$ tr. pkt. \$2.00, tr. pkt. \$3.50.

White Hybrids

- M **Albion.** (Yoder Bros.) Winter and spring paper-white. Long, tapering spikes. Tr. pkt. \$3.50.
- M **Apollo.** Ivory-white, similar to Margaret. Tr. pkt. \$3.50.
- M **Citation.** (Yoder Bros.) Ivory-white. Long hard stems; excellent spikes. Tr. pkt. \$3.50.
- M **Ivory Tower.** (Pan-American.) One of the new race of shatter-resistant varieties. Good shipper. $\frac{1}{2}$ tr. pkt. \$1.75, tr. pkt. \$3.00.
- HW **June Bride.** (Ball.) A new pure white for late spring and June single-stem culture. Hard clean stems, shatter-proof. $\frac{1}{2}$ tr. pkt. \$2.00, tr. pkt. \$3.50.
- M **Maryland White Improved.** (Winkler.) Purest white; large spikes and strong stems. Should be on every grower's list. $\frac{1}{2}$ tr. pkt. \$2.00, tr. pkt. \$3.50.

- HW **Potomac White.** (Winkler.) New pure white for late spring and summer. Grow single stem for best quality, but pinching will give heavy production of good-quality blooms. Tr. pkt. \$3.50.



ANTIRRHINUM,
Prestige

ANTIRRHINUM, continued

White Hybrids, continued

- L Mt. Rainier.** (H. G. German.) Pure snow-white, closely set florets on strong stems. A good shipper. Late winter bloomer. $\frac{1}{2}$ tr. pkt. \$2.00, tr. pkt. \$3.50.
- M Rockwood Hybrid White No. 5.** A fine white for fall and winter blooming. Well-formed spikes on heavy, wiry stems. Season—late September to June. $\frac{1}{2}$ tr. pkt. \$2.00, tr. pkt. \$3.50.
- M Snowman.** (Ball.) Excellent pure white. $\frac{1}{2}$ tr. pkt. \$2.00, tr. pkt. \$3.50.
- E Spartan White.** MSC #2. NEW IMPROVED STRAIN. An early-flowering pure white. Clean-growing, large spike; shatter-resistant. $\frac{1}{2}$ tr. pkt. \$1.75, tr. pkt. \$3.00.
- M Twenty Grand.** (Yoder Bros.) Excellent ivory. Good producer. Tr. pkt. \$3.50.
- M White Knight.** (Yoder Bros.) New paper-white. Medium to long, compact spikes. Tr. pkt. \$3.50.
- HW White Pillar.** (German.) A new pure white for late spring and summer. Longer, heavier stems and spikes than Crystal White. High germination. $\frac{1}{2}$ tr. pkt. \$1.75, tr. pkt. \$3.00.

White Open Pollinated

- HW Crystal White.** (Rockwood.) Large-flowered pure white for spring and summer. Has an excellent strong stem and huge flower-spike. For benching after Mums only. $\frac{1}{2}$ tr. pkt. \$1.75, tr. pkt. \$3.00.
- M Margaret.** (J. S. Yoder & Sons.) Ivory-white. Tr. pkt. \$2.00.
- M Rockwood's Early White.** Tr. pkt. \$2.00.

Yellow Hybrids

- M Broker's Tip.** (Yoder Bros.) Medium yellow for late winter and spring. Firm stems. Tr. pkt. \$3.50.
- M Golden Spike.** (Ball.) Deep golden yellow for late winter and spring. $\frac{1}{2}$ tr. pkt. \$2.00, tr. pkt. \$3.50.
- M Patricia.** (Yoder.) Deep golden yellow, very vigorous. Growth similar to Margaret, but it is earlier. $\frac{1}{2}$ tr. pkt. \$2.00, tr. pkt. \$3.50.
- HW Potomac Yellow.** (Winkler.) New bright yellow for late spring and summer flowering. Grow single stem for highest quality. Pinching will give heavy production of good-quality spikes. Tr. pkt. \$3.50.
- L Rockwood Hybrid Yellow No. 10.** A fairly deep yellow. Well-formed flowers; stems stiff and heavy. Season—late September to June. $\frac{1}{2}$ tr. pkt. \$2.00, tr. pkt. \$3.50.
- E War Admiral.** (Yoder Bros.) Fine yellow for winter. Tr. pkt. \$3.50.

Yellow Open Pollinated

- HW Rockwood Summer Yellow.** For late spring and summer flowering. $\frac{1}{2}$ tr. pkt. \$1.75, tr. pkt. \$3.00.
- HW Sunshine.** Medium yellow. Resistant to shatter. Bred for hot weather growing in both the greenhouse and cloth house. $\frac{1}{2}$ tr. pkt. \$1.75, tr. pkt. \$3.00.

OUTDOOR SNAPDRAGONS

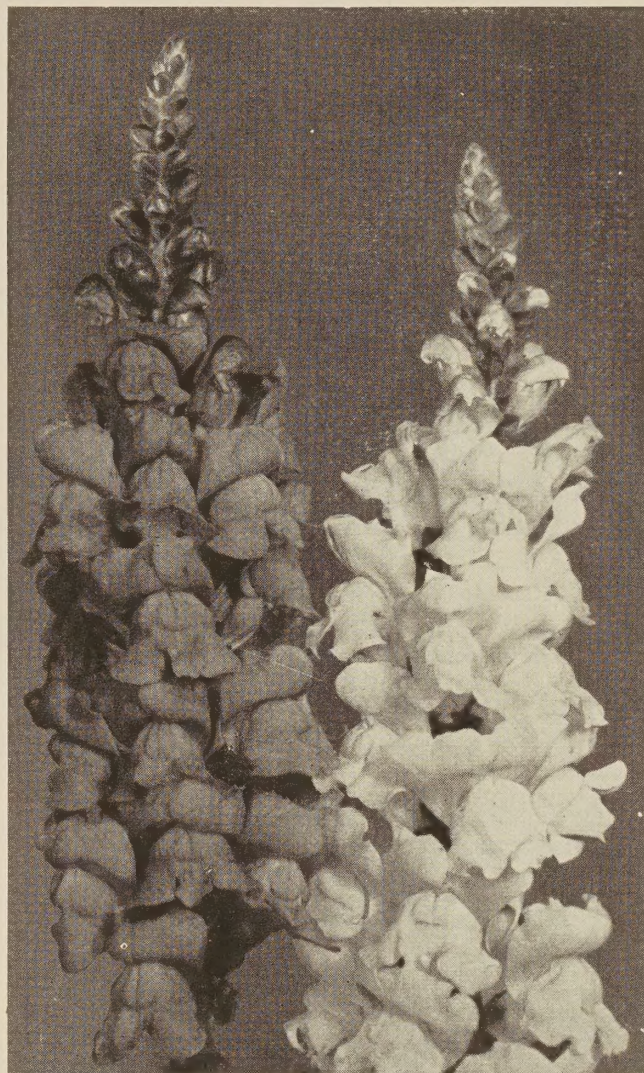
218,000 S; 65° to 70° F.; 1 to 2 weeks; Feb. 10

Tetraploid Varieties

104,800 S; 65° to 70° F.; 1 to 2 weeks; Feb. 10

- Tetra Crimson.** Velvety crimson. Large spikes.
- Tetra Orchid.** Large, heavy spikes of rich orchid
- Tetra Pink Shades.** Pink to deep rose.
- Tetra Rose.** Bright rose.
- Tetra Sunset.** Bronze to primrose.
- Tetra White.** Pure white.
- Tetra Yellow.** Clear yellow; long spikes and large florets.
- Tetra Mixture.** A much-improved range of colors in this mixture. Ideal for outdoor cut.
- Any of above, tr. pkt. 50c, $\frac{1}{8}$ oz. \$1.25, $\frac{1}{4}$ oz. \$2.35, oz. \$6.75

At last you can sell your customers the finest Snapdragons for outdoor bedding or cutting. Futurama varieties grow $3\frac{1}{2}$ to 4 ft. tall outdoors. Pinched plants will produce five or more strong breaks that will mature with extremely large spikes. Plants require no staking, for the strong heavy stems hold the plants upright. The large spikes are comparable to the finest winter greenhouse Snaps you have ever grown.



FUTURAMA SNAPS, MIXED

FUTURAMA SNAPS (NEW)

New garden variety for cut-flower production outdoors. All have very heavy sturdy stems, needing no support. Compact florets on long, tapering spikes make these new varieties a "must" for either amateur or professional cut-flower use.

- Futurama Lavender.** Rich rosy lavender.
- Futurama Pink.** Beautiful rose-pink.
- Futurama Yellow.** Golden yellow.
- Futurama White.** Ivory-white.
- Futurama Red.** Bright scarlet-red.
- Futurama Mixed.** Mixture of all five colors in equal proportions.

Any of above, tr. pkt. \$1.00, $\frac{1}{8}$ oz. \$3.30, $\frac{1}{4}$ oz. \$6.00, oz. \$18.00

Collection: 1 tr. pkt. of each of above 5 colors and mixture (6 pkts.) for \$5.30



ANTIRRHINUM, King's Court

ANTIRRHINUM, continued

King's Court. Extremely early blooming, tall, strong stemmed, with many more and larger blossoms more closely spaced. Complete color range, with the clearest white, yellows, soft and dark pinks, rose, crimsons and scarlets. Especially adapted for bedding-plant sales, giving superior garden performance. Seedlings sell on sight in flats, as they show the hybrid vigor and branch profusely. Tr. pkt. 50c, $\frac{1}{8}$ oz. \$1.25, $\frac{1}{4}$ oz. \$2.25, $\frac{1}{2}$ oz. \$3.75, oz. \$6.75.

Maximum Rust-Resistant Varieties

Alaska. Best white.

Cherry Rose. Bright rosy cerise-red.

Copper Queen. Bronzy copper.

Torch or Fusilier. Bright salvia-red.

Loveliness. Soft rose-pink.

Rosalie. Best deep rose.

Yellow Giant. Best deep yellow.

Formula Mixture. Hand-blended mixture; contains all the above colors in the correct proportion.

Velvet Giant, Reselected Strain. Rich velvet red; tall and large flowered.

Any of above, tr. pkt. 40c, $\frac{1}{8}$ oz. 70c, $\frac{1}{4}$ oz. \$1.25, oz. \$3.75

Collection: 1 tr. pkt. of each of above varieties and mixture (9 pkts.) for \$3.25

Harris Colossal

This new strain has the huskiest growth, longest stems, largest and finest flowers and earliest bloom of any on the market today.

White
Pink Shades
Orchid

Crimson

Yellow
Orange Shades
Mixed Colors

Any of above, tr. pkt. 50c, $\frac{1}{8}$ oz. 90c, $\frac{1}{4}$ oz. \$1.75, oz. \$5.00

ASTERS

14,850 S; 65° to 75° F.; 1 to 2 weeks; for spring sales sow 6 weeks before selling date

FORCING ASTERS: Asters form flower buds when axis elongation occurs. This does not occur under daylight periods less than 15 hours, unless the temperature is above 70°. Short days prevent axis elongation, but speed up bud development. The resulting flower is smaller and on a shorter stem.

ADDITIONAL LIGHTING SCHEDULE: 40-watt bulbs, 6 ft. apart and 2 ft. above the plant tops, give sufficient light for this crop. Give 3 hours additional lighting during the months of August, September, October and March. Give 4 hours additional lighting during November and February, and 5 hours additional lighting during December and January. We recommend lights set to come on at 10:00 P.M. Start lights on seed flats as soon as leaves appear and continue lights until first flowers show color.

Pot seedlings as soon as large enough. We highly recommend Jiffy Pots for this. Space 8 x 8 in. in the bench. Don't pinch.

Sowing	Potting	Benching	Blooming
Nov. 1	Nov. 25	Jan. 10	Apr.
Dec. 20	Jan. 20	Mar. 1	May
Feb. 1	Feb. 20	Apr. 1	June
Mar. 10	Apr. 1	Apr. 15	July
Apr. 20	Mar. 10	June 15	Aug.
May 20	June 10	July 15	Sept.
June 10	July 1	Aug. 1	Oct.

We cannot recommend forcing cut-flower types from November to mid-March.

For forcing in the greenhouse and for cloth house culture we recommend the New Ball varieties; next in desirability are American Branching or The Royals.

We offer only Bodger's Wilt-resistant Strains, which have proved very satisfactory to the trade.

Dwarf Queen. Early flowering; 10 in. high. Wilt-resistant, dwarf base-branching plants with large double flowers freely produced. Will make ideal pot plants. We suggest placing three plants in a 5 or 6-in. pot or single plants in a $3\frac{1}{2}$ or 4-in. pot. Do not mix colors in a pot, for each color blooms at a different time. To bloom in pots follow lighting schedule given above.

Sown Aug. 1, will bloom Dec. 13
Aug. 20, will bloom Jan. 10
Sept. 10, will bloom Feb. 10
Oct. 1, will bloom Mar. 20
Oct. 19, will bloom Apr. 18

For sowing at times other than above dates, follow above schedule given for forcing cut-flower Asters. Prick off to $2\frac{1}{4}$ -in. pots about three to four weeks after sowing. The final shift to blooming-size pots is made about six weeks after transplanting.

Crimson. Deep rose.

Deep Blue. Violet-blue.

Light Blue. True lilac-lavender.

Rose. Bright rose-pink.

Scarlet. Bright scarlet-red.

White. Pure white.

Mixed Colors. Mixture of all colors.

Any of above, tr. pkt. 60c, $\frac{1}{4}$ oz. \$1.25, oz. \$3.75

Early Giant Wilt-resistant. Very early blooming. Giants of California type.

Azure-Blue. (New.) Soft azure-blue.

Crimson. (New.)

Peach Blossom. Opens white, flushed lavender-pink.

Rose Marie. Deep rose.

White. (New.) Pure white.

Finest Mixed. Blend of above colors.

Any of above, tr. pkt. 50c, $\frac{1}{4}$ oz. \$1.25, oz. \$3.75

H. G. GERMAN, 103 Bank Street, Smethport, Penna.



ASTER, Dwarf Queen

ASTERS, continued

Super Giant Wilt-resistant. (New.) The long-awaited wilt-resistant strain of true giant ostrich-feather flowers. Heavy non-lateral stems. Plants 3 ft. high.

Beverly Hills. Azure-blue.

El Monte. Crimson.

Hollywood. Pure white.

Los Angeles. Shell-pink.

Palm Springs. Deep rose.

Santa Barbara. Dark purple.

Finest Mixed. Full mixture of all colors.

Any of above, tr. pkt. 50c, 1/4oz. \$1.25, oz. \$3.75

American Branching and the Royals. Second early, following Queen of the Market types. Large, robust flowers in mid-August. 2 to 2 1/2 ft. tall.

Azure-Blue

White

Rose

Shell-Pink (Mary Semple)

Purple

Mixture of Above Colors

Sensation. Scarlet.

Any of above, 1/8oz. 35c, 1/4oz. 65c, oz. \$2.00

Queen of the Market, Finest Mixed. Earliest-flowering class; the least resistant. 1/8oz. 35c, 1/4oz. 65c, oz. \$2.00.

Crego. Large flowers with petals nearly double the length of older varieties, curled and interlaced. Good shipper.

Azure-Blue

Purple

White

Deep Rose

Finest Mixed

Rose-Pink. (New). Light pink.

Mid-Blue. (New.) Bright blue, a valuable color addition to this class.

Any of above, 1/8oz. 35c, 1/4oz. 65c, oz. \$2.00

Bedding Princess Mixed. Attractive new cutting type that has become very popular wherever grown. Branching, early and free flowering. Mixture of all Princess colors. 1/8oz. 50c, 1/4oz. 90c, oz. \$3.00.

Goldilocks. Creamy yellow Aster. Earlier, deeper yellow version of Golden Sheaf. Tr. pkt. 50c, 1/4oz. \$1.00, oz. \$3.75.

ASTERS, continued

Bouquet or Pompon. Wilt-resistant.

Azure. (New.)

Peach Blossom

Purple. (New.)

Powderpuffs. Mixture of all colors.

Rose-Pink

White

Scarlet

Any of above, tr. pkt. 50c, 1/4oz. \$1.50, oz. \$4.50

New Ball Varieties or Giant Incurved. Wilt-resistant.

Azure Ball. Light blue.

Rose Ball. Deep rose.

Pink Ball. Shell-pink.

White Ball. Pure white.

Purple Ball. Rich dark blue

Florists' Mixed. Contains 30% white, 30% pink, 20% azure, 10% rose, 10% purple.

Deep Purple Ball. (New.) Darker and earlier than the original Purple Ball.

Any of above, tr. pkt. \$1.75, 1/4oz. \$3.20, oz. \$9.60

Heart of France. Very distinct rich red. Blooms early September. Tr. pkt. 40c, 1/4oz. \$1.25, oz. \$3.75.

All Double Varieties Mixed. Originator's mixture of wilt-resistant strains.

Single Rainbow Mixture. Branching, single daisy-like flowers.

Single Rainbow Upright. Habit allows plant to be cut as a bunch.

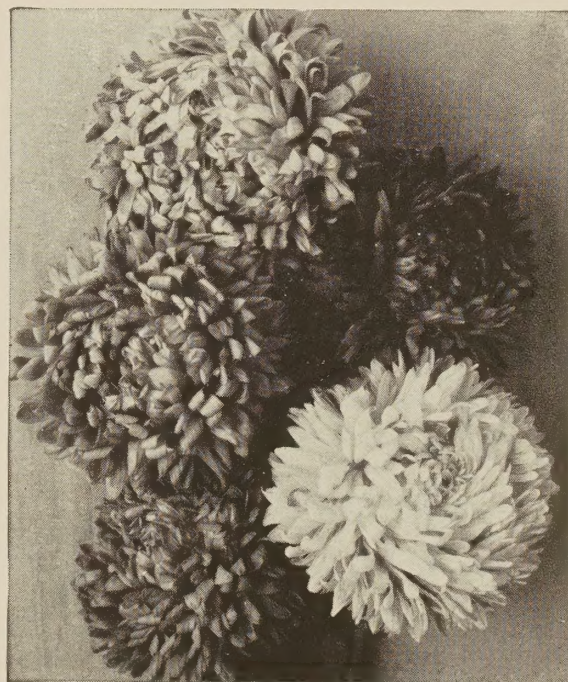
Any of above, tr. pkt. 30c, 1/4oz. 50c, oz. \$1.50

For cut-flower use either in the greenhouse or outside, the New Ball or Giant Incurved are best.

To produce large bloom size, it is necessary to remove the lower branches and thus limit the number of flowers per plant to five or six. Lateral stems will produce better quality if disbudded to one flower per stem.

For greenhouse cut flowers, try something good, something different. The Bouquet types perform exceptionally well and cut blooms last indefinitely. For home-garden sales, the American Branching or Royals are most popular; however, the new Bouquet types are close to them in popularity.

The Cregos are the ever-popular shaggy types. Early Giants are the same type bloom but earlier, while the Super Giants have the largest blooms with long stiff stems and bloom about 10 days later than the Cregos.



ASTER, Giant Incurved Florists' Mixed

ASPARAGUS

750 S; 70° to 80° F.; 4 to 6 weeks

High-germinating California-grown seed, averaging 75 per cent germination at 70-degree soil temperature.

Plumosus nanus Sprengeri

Either of above, 250 seeds 65c, 1000 seeds \$2.50,
5000 seeds \$10.00, 10,000 seeds \$18.50

BALSAM

3335 S; 65° to 70° F.; 2 to 3 weeks; Apr. 15

Camellia-flowered, Mixed. Extra double. Tr. pkt. 30c,
¼oz. 50c, oz. \$1.50.

Double Bush-flowering, Mixed. Tr. pkt. 40c, ¼oz. 75c,
oz. \$2.25.

BELLS OF IRELAND

Immensely popular with floral artists. Tr. pkt. 40c, ¼oz.
\$1.00, oz. \$3.00.

BROWALLIA

65,000 S; 65° to 75° F.; 2 to 3 weeks; Dec.

Speciosa major. For potting and combinations. Violet-blue,
1½-in. flowers carried on 10 to 12-in. plants. Tr. pkt.
\$1.00, ¼oz. \$2.00.

"German's Seeds Germinate"

We mean just that. We supply only fresh, high-germinating seeds and have a reputation of doing so.



BEGONIA, Thousand Wonders Pink (Tausendschon)

BEGONIAS

30,000 S to ½oz.; 65° to 75° F.; 2 to 3 weeks; sow Jan. for 4 in.
for May sales

For the convenience of the trade we have divided our Begonias into three groups: Intermediate, Dwarf and Tuberous-rooted. The following varieties have been accepted by our customers as the most satisfactory and best sellers.

Intermediate. 10 to 12 in.

Carmen. Rose-pink flowers; bronze foliage. Tr. pkt. \$1.25,
¼oz. \$2.75, ½oz. \$5.00.

Indian Maid. Deep scarlet flowers; lustrous bronze foliage.
Tr. pkt. \$1.25, ¼oz. \$2.50, ½oz. \$4.50.

Luminosa. Deep scarlet flowers; light green foliage.
Tr. pkt. \$1.25, ¼oz. \$2.50, ½oz. \$4.75.

Prima Donna. Most attractive, medium rose-pink. Tr.
pkt. \$1.25, ¼oz. \$2.00, ½oz. \$3.50.

Dwarf

Adeline. Bright pink flowers and green foliage. Tr. pkt.
\$1.50, ¼oz. \$3.00, ½oz. \$5.00.

Ball Red. Plants covered with intense scarlet-red flowers.
Tr. pkt. \$1.50, ¼oz. \$3.25, ½oz. \$6.00.

Ball Deep Rose. Deep rosy red, gradually fading to luminous pink. Tr. pkt. \$1.50, ¼oz. \$3.25.

Benary's Rosy Red. (F₁ Hybrid.) Striking color, sun and rainproof. For bedding and winter blooming. Extra dwarf. Tr. pkt. \$1.50, 1/128 oz. \$4.15, ¼oz. \$8.00.

Dwarf Carmen. Light pink; bronze leaved. Tr. pkt. \$1.50,
¼oz. \$3.00.

Dwarf Luminosa. Dwarf; bright scarlet. Tr. pkt. \$1.50,
¼oz. \$3.00, ½oz. \$5.50.

Essen 1938. (F₁ Hybrid.) Bright cherry-red. Very free flowering. Tr. pkt. \$1.50, ¼oz. \$3.35.

Fire Sea. Scarlet-red; green foliage. Tr. pkt. \$1.50,
¼oz. \$2.75.

Frosted Chocolate. Silvery white flowers with beautifully contrasting brownish bronze foliage. Free and continuous blooming. Tr. pkt. \$1.50, ¼oz. \$3.35.

Organdy. (F₁ Hybrid.) New mixture of hybrid Begonias, sun and rainproof. Beautiful colors; extremely floriferous. For bedding or pot plants. Tr. pkt. \$2.00, 1/128 oz. \$6.25.

Sleeping Beauty. (F₁ Hybrid.) Bright carmine, sun and rainproof. Free flowering. Extra dwarf. Tr. pkt. \$2.00.

Snowbank. The best large-flowering pure glistening white; light green foliage. Tr. pkt. \$1.50, ¼oz. \$2.75, ½oz. \$5.00.

Thousand Wonders Red. (Hybrid.) Rich carmine-scarlet. Most free blooming dwarf red. Tr. pkt. \$2.00,
1/128oz. \$4.25.

Thousand Wonders Pink (Tausendschon). (F₁ Hybrid.) Beautiful bright sunproof pink. Dwarf. Tr. pkt. \$2.00,
1/128oz. \$4.25.

Dwarf Mixture. Hand mixture of dwarf varieties. Tr. pkt. \$1.25, ¼oz. \$2.50, ½oz. \$4.50.

All Varieties Mixed. Mixture of the best colors in all three classes. Tr. pkt. \$1.00, ¼oz. \$2.00, ½oz. \$3.75.

Tuberous-rooted. Early January sowing will make excellent plants for sales from June on.

Double Mixed. Carefully selected and saved from a leading European specialist's collection. About 80% doubles. Tr. pkt. \$2.50.

CALCEOLARIA

600,000 S; 60° to 70° F.; 2 to 3 weeks; sow Aug. 1 for early Easter,
Sept. 10 for Mother's Day

Hybrid Mixed. The first F₁ Hybrid Calceolaria. Medium-sized florets produced in large heads. Brilliant reds and yellows with some spotted make this an outstanding mixture. Hybrid vigor requires that this plant be finished in 6-in. pots rather than 5 in. ½tr. pkt. \$1.75, tr. pkt. \$3.00.

Nana Multiflora. Compact, free-blooming strain. Brilliant colors. Tr. pkt. \$1.50.

Dwarf Tigered or Spotted. Dwarf and compact. Tr. pkt. \$1.00, ¼oz. \$2.50.

CALENDULA, Forcing Varieties

4550 S; 65° to 70° F.; 2 to 3 weeks; Apr. 10

Ball Gold Improved

Ball Lemon Queen

Ball Long Orange Improved

Masterpiece. Deep orange-brown center; extra-long stem.

Sensation Improved. Brilliant orange.

Mixed Colors. Mixture of above colors.

Any of above, tr. pkt. 35c, 1/4oz. 50c, oz. \$1.50

CALLIOPSIS

90,000 S; 65° to 70° F.; 2 to 3 weeks; Feb. 15

Tiger Star. (New.) Ideal for combinations and borders. Rich crimson, striped and mottled with yellow. The plant stays dwarf (8 in.). The bright, star-shaped flowers drew many favorable comments in our trials. Tr. pkt. 50c, 1/8oz. \$1.00.

CANDYTUFT

9500 S; 65° to 70° F.; 1 to 3 weeks

Hyacinth-flowered

Super Hyacinth-flowered, Iceberg. Individual florets up to one and one-half times as large as current strains. Should make Candytuft even more important as a florists' crop. Tr. pkt. 65c, 1/2oz. \$3.00, oz. \$5.50.

Florists' Giant Hyacinth-flowered, White. Enormous trusses of uniform blooms, very regular in growth. Tr. pkt. 50c, 1/2oz. \$1.00, oz. \$1.75.

Umbellata, Fairy Mixture. (New.) Many new and beautiful shades. An excellent item for borders. 6 to 8 in. Tr. pkt. 35c, 1/4oz. 60c, oz. \$1.80.

Umbellata Type, Lavender Carmine

Rose Cardinal

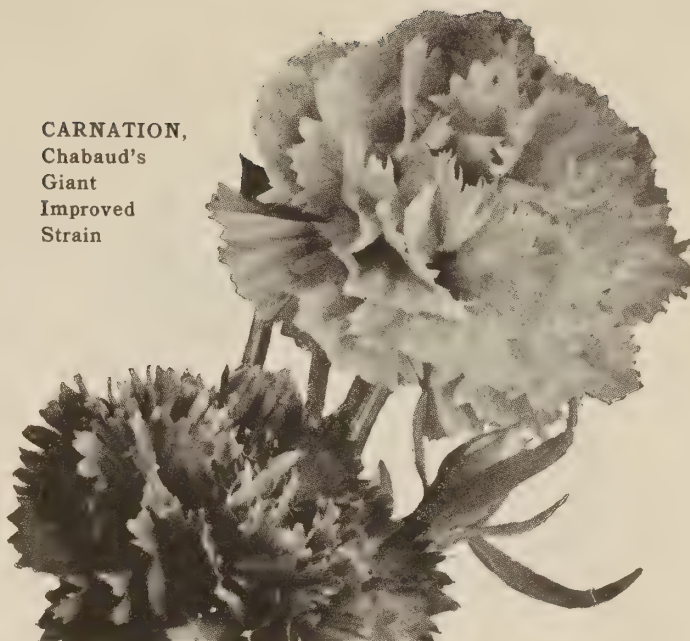
Umbellata Mixture

Any of above four, tr. pkt. 30c, oz. 90c, 1/4lb. \$3.00



CANDYTUFT, Iceberg

CARNATION,
Chabaud's
Giant
Improved
Strain



CARNATION, Chabaud's Giant Improved Strain

14,585 S; 65° to 70° F.; 2 to 3 weeks; Feb. 1

Blood-Red

Rose Queen

White

Scarlet

Yellow

Orange Sherbet. Orange petals striped and flushed with scarlet.

Florists' Mixture. Special mixture of the best colors.

Any of above, tr. pkt. 40c, 1/4oz. \$1.25, oz. \$3.75

Giant Malmaison, J. M. Bridgeford. A superb mixture. Blooms freely all summer; 16 to 20 in. Tr. pkt. 40c, 1/4oz. \$1.25, oz. \$3.75.

Grenadin. See perennial types, page 25.

CELOSIA

29,400 S; 65° to 70° F.; 1 to 2 weeks; Mar. 15

Toreador. All-America Selection, 1955. Lustrous bright red. For garden display, cutting and drying for winter arrangements. 18 to 20 in. Tr. pkt. 75c, 1/4oz. \$2.00, oz. \$6.00.

Improved Cristata (Dwarf Cockscomb).

Dwarf Empress. Dark red flower; dark foliage.

Dwarf Golden Yellow.

Rose. Bright rose-pink.

Finest Mixed. Mixture of dwarf types.

Any of above, tr. pkt. 40c, 1/8oz. \$1.40

Cristata (Semi-Dwarf Cockscomb).

Red and Gold. Unique golden yellow striped with red. 15 in. Tr. pkt. 50c, 1/8oz. \$1.50.

Giant Plumosa. 43,500 S. (New.) 2 1/2 ft.

Crimson Fleece. Bright crimson; dark foliage.

Forest Fire. Fiery orange-scarlet. Outstanding in our trials.

Golden Fleece. Golden yellow spikes.

Pampas Plume. Many new colors. A distinct mixture.

Any of above, tr. pkt. 40c, 1/8oz. 65c, 1/4oz. \$1.20

CELOSIA, continued

Dwarf Plumosa. Feathery type, base branching.

Lilliput, Fire Feather. Glowing scarlet.

Lilliput, Golden Yellow. Bright yellow.

Dwarf Feather Mixture.

Any of above, tr. pkt. 30c, $\frac{1}{8}$ oz. 70c, $\frac{1}{4}$ oz. \$1.30



CELOSIA, *Cristata nana*, Kardinal

Cristata nana, Dwarf Firebrand. (New.) Uniformly dwarf. Large, scarlet-crimson comb.

Cristata nana, Kardinal. Large, brilliant cardinal-red combs. 8 in.

Either of above, tr. pkt. 50c, $\frac{1}{8}$ oz. \$1.00, $\frac{1}{4}$ oz. \$1.85

CENTAUREA

6050 S; 65° to 70° F.; 1 to 3 weeks

Super-giant Cyanus (Cornflower). Long-stemmed, large flowers and fully double strains.

Blue Boy Pinkie Red Boy Snowman

Any of above, tr. pkt. 25c, $\frac{1}{2}$ oz. 40c, oz. 65c, $\frac{1}{4}$ lb. \$2.20

Dusty Millers

7500 S; 65° to 70° F.; 3 to 4 weeks; Dec. and Jan.

Candidissima. 6 in. A slow grower. Must be started early. Tr. pkt. 60c, $\frac{1}{4}$ oz. \$1.25, oz. \$3.75.

Gymnocarpa. Silver-leaved, strong-growing fern leaf. Tr. pkt. 25c, oz. 90c.

Maritima, Diamond. 10 in. Very white foliage. Tr. pkt. 25c, $\frac{1}{4}$ oz. 50c.

CHRYSANTHEMUM, Annual

10,000 S; 65° to 70° F.; 2 to 3 weeks

Rainbow Mixture. A collection of bright-hued tricolors. Tr. pkt. 35c, $\frac{1}{4}$ oz. 75c, oz. \$2.25.

CINERARIA

200,000 S; 65° to 70° F.; 2 to 3 weeks

Berlin Market Mixed. Large heads, mostly eyed. Re-selected strain. Tr. pkt. \$1.00, $\frac{1}{64}$ oz. \$2.00.

Dwarf Erfurt. Ideal for small pots. Grows 8 to 10 in. tall and 10 to 12 in. in diameter. The last word in Cinerarias. Tr. pkt. \$1.50.

Cremer's Prize Strain. Tr. pkt. \$1.50, $\frac{1}{64}$ oz. \$2.25.

Large-flowered Hybrids. Mixture of all shades. Large-flowered, compact plants. Tr. pkt. \$1.50, $\frac{1}{64}$ oz. \$2.50.

Siter's Rainbow Strain. Tr. pkt. \$1.50, $\frac{1}{64}$ oz. \$2.50.

Cremer's & Siter's. Mixture of equal proportions of these leading strains. Tr. pkt. \$1.50, $\frac{1}{64}$ oz. \$2.50.

Festival. Bushy, compact, small-leaved strain. Medium-sized heads and mostly white-eyed flowers in a brilliant color range. $\frac{1}{2}$ tr. pkt. \$1.75, tr. pkt. \$3.00, $\frac{1}{64}$ oz. \$4.50.

CLEOME (Spider Plant)

22,500 S; 65° to 70° F.; 1 to 2 weeks; Mar. 1

Golden Sparkler. Bright golden orange. Striking color. Takes 10 days longer to germinate and at first seedlings have a grass-like appearance. Tr. pkt. 45c, $\frac{1}{4}$ oz. \$1.25, $\frac{1}{2}$ oz. \$2.15.

Helen Campbell. Pure white. Tr. pkt. 50c, $\frac{1}{4}$ oz. 90c, oz. \$1.50.

Pink Queen. Tr. pkt. 35c, $\frac{1}{4}$ oz. 55c, oz. \$1.90.

COBAEA

375 S; 65° to 70° F.; 2 to 3 weeks; Feb. and Mar.

Scandens (Climbing Cathedral Bell). Strong-growing climber with violet-blue flowers. A fine companion for Thunbergia. Tr. pkt. 30c, $\frac{1}{4}$ oz. 50c.

COLEUS

100,000 S; 70° to 80° F.; 2 to 3 weeks; Nov. through Jan.

German's Rainbow Mixture. Extremely fine strain of medium to large-leaved Coleus, with a wide range of striking and pastel colors. We are certain that we have the most brilliant strain available and challenge comparison. $\frac{1}{2}$ tr. pkt. \$1.00, tr. pkt. \$1.75, $\frac{1}{64}$ oz. \$2.25, $\frac{1}{32}$ oz. \$4.15.

Rainbow Strain, Regular Mixture. Tr. pkt. 75c, $\frac{1}{32}$ oz. \$1.80, $\frac{1}{64}$ oz. \$3.25.

Fringed Leaved. We have received many compliments on this new mixture. Has a high percentage of fringed leaves with a very bright color mixture. Medium to large leaved. $\frac{1}{2}$ tr. pkt. 90c, tr. pkt. \$1.50, $\frac{1}{64}$ oz. \$2.10.

Separate Colors from Seed, Small-leaved (85 to 95% true to type). We are offering seven distinct, separate colors from seed in the small-leaved class, making it no longer necessary to grow separate colors from cuttings. Plant habits are dwarf and base-branching.

Autumn Splendor. See color picture on back cover. Comes true from seed.

Creamy White Edged Green (Candidum)

Old-Gold Edged Green

Red Shades. Deep mahogany-red and carmine-rose edged green.

Rose Shades. Beautiful bright rose.

Rose Edged Green. Rich coral-rose edged green. Extra dwarf.

Striped-Leaved

Separate Colors from Seed, Large-leaved (85 to 90% true to type)

Dwarf Soft Green with Gold Dust

Copper-Red

Red Shades. Beautiful mahogany-red with carmine-red centers.

Mixed. Mixture of above three colors in equal proportions.

Any of above, $\frac{1}{2}$ tr. pkt. \$1.25, tr. pkt. \$2.00, $\frac{1}{64}$ oz. \$3.00

COSMOS

5500 S; 65° to 70° F.; 1 to 2 weeks

New Early Sensation. Full color range, blooming two weeks earlier. Tr. pkt. 30c, $\frac{1}{4}$ oz. 55c, oz. \$1.75.

CUPHEA

7200 S; 65° to 70° F.; 2 to 3 weeks; Feb.

Firefly. Small, bright scarlet flowers on compact, 12-in. plants. Tr. pkt. 40c, $\frac{1}{8}$ oz. 75c.

CYCLAMEN

Bonfire. Brilliant salmon.

Bright Red.

Perle of Zehlendorf. Dark salmon color.

Pure White.

Rose of Zehlendorf. Light salmon color.

Saffron-Red, Silver Edged.

Soft Rose with Carmine Eye.

White with Carmine Eye.

Mixture of Above Colors.

New Ruffled Mixed. Complete mixture of new types.

Any of above, \$2.50 per 100, \$20.00 per 1000

250 of a variety at 1000 rate



DAHLIA, Unwin's Ideal Bedding

DAHLIA

4060 S; 65° to 70° F.; 2 to 3 weeks; late Jan. For 4 and 5-in. plants for Mother's Day, sow Dec. 1

Easily raised from seed, Dahlias bloom profusely the same year sown. For small plant sales and combinations sow January 15. Tubers can be dug in fall and replanted, a sales item in selling to home gardeners. If sown in early December and pinched back, makes an excellent pot plant for Mother's Day.

Dwarf Varieties

Coltness Strain. 18 in. Single, dwarf, free flowering. Tr. pkt. 25c, 1/4oz. 50c, oz. \$1.75.

Fall Festival. (New.) Highly recommended for bedding. 30 inches tall, not recommended for pots. Shades of red, scarlet, purple and crimson, with just enough bright yellows and apricots to add brightness. Contrasting dark red foliage. Tr. pkt. 60c, 1/4oz. \$1.20, 1/2oz. \$2.25.

German's Dwarf Double and Semi-Double Hybrids. An Improved Unwin. Tr. pkt. 50c, 1/4oz. 90c.

Unwin's Ideal Bedding. Dwarf, compact habit. Bright-colored. Profuse, double and semi-double flowers. Tr. pkt. 30c, 1/4oz. 80c, oz. \$2.50.

DAHLIAS, continued

Tall Varieties

Select Large-flowered Decorative. Best mixture of doubles and semi-doubles. Tr. pkt. 50c, 1/4oz. \$4.00.

Extra Double Cactus Hybrids Mixed. Tr. pkt. 50c, 1/4oz. \$4.00.

DATURA (Angels Trumpet)

2000 S; 65° to 75° F.; 2 to 3 weeks

Large, trumpet-like flowers open light lavender, then turn white Tr. pkt. 30c, 1/4oz. 65c, oz. \$1.00.

DIANTHUS

23,100 S; 65° to 70° F.; 2 to 3 weeks

Heddewigi laciniatus, Gaiety. Very large, single, beautifully fringed flowers in a wide range of lovely colors. An exceptionally fine pot plant. Tr. pkt. 35c, oz. \$2.50.

Heddewigi laciniatus, Double Gaiety. A full double form in all carnation shades. Tr. pkt. 35c, 1/4oz. 75c, oz. \$2.50.

Heddewigi, Single Brilliant Mixed. Large blooms, all beautifully zoned. Tr. pkt. 35c, oz. \$2.50.

DIDISCUS

10,000 S; 65° to 70° F.; 2 to 3 weeks

Coeruleus (Blue Lace Flower). Tr. pkt. 25c, 1/4oz 60c, oz \$1.80.

DRACAENA

1000 S; 65° to 75° F.; 5 to 7 weeks; Dec. and Jan. (takes 14 to 18 months)

Indivisa. Tr. pkt. 20c, oz. 55c, 1/4lb. \$1.65, lb. \$5.50.

GAILLARDIA (Blanket Flower)

9550 S; 65° to 70° F.; 2 to 3 weeks; Mar. 15

Gaiety Mixed. Bright-colored double mixture.

Lorenziana Mixed. Attractive double strain.

Either of above, tr. pkt. 20c, 1/4oz. 50c, oz. \$1.50

GLOXINIA

800,000 S; 65° to 75° F.; 2 to 3 weeks

Sow in January for blooming plants in 4-in. pots during June and July. Gloxinia seed is very fine and must be carefully handled.

Berlin or Gierth's Strain

Berlin Red. Blood-red.
Berlin Blue

Berlin White
Berlin Mixed

Emperor William. Dark violet bordered white.

Friedrich. Brilliant scarlet with white throat.

Panzer Scarlet. Beautiful velvety scarlet.

Switzerland. Scarlet with white border.

Tigrinia. Tigered and spotted.

German's Special Mixture.

Any of above, tr. pkt. \$1.25, 6 tr. pkts. \$6.00



GOMPHRENA, Cissy

GOMPHRENA

10,150 S; 65° to 75° F.; 2 to 3 weeks; Feb. or Mar.

Buddy. Dwarf plants with small, ball-shaped, bright reddish purple flowers. Excellent for borders and combinations. Tr. pkt. 60c, 1/4 oz. \$1.00, oz. \$3.00.

Cissy. New pure white companion to Buddy. Tr. pkt. 60c, 1/4 oz. \$1.00, oz. \$3.00.

Rubra. 2 ft. Bright reddish purple. Tr. pkt. 30c, 1/4 oz. 50c, oz. \$1.50.

Mixture. 2 ft. Purple, silvery white, pink and orange. Tr. pkt. 30c, 1/4 oz. 50c, oz. \$1.50.

GREVILLEA (Silk Oak)

3000 S; 65° to 75° F.; 2 to 3 weeks

Robusta. Popular foliage plant used with Poinsettias. Tr. pkt. 40c, 1/4 oz. \$1.35, oz. \$4.00.

GYPSOPHILA

34,000 S; 60° to 70° F.; 1 to 2 weeks

Carminaea. Small, 1/4-in., pink flowers. Tr. pkt. 25c, oz. \$1.20, 1/4 lb. \$4.00.

Covent Garden Market. Large, white, full-petaled flowers. Oz. 30c, 1/4 lb. 75c, lb. \$2.50.

Elegans grandiflora, London Market. Oz. 30c, 1/4 lb. 85c, lb. \$2.50.

HELIOTROPE

53,000 S; 65° to 75° F.; 3 to 4 weeks; Mar. 1

Dwarf Regale Mixture. Fragrant strain, 15 in. tall. An excellent variety with large, lavender-violet flower heads. Tr. pkt. 40c, 1/4 oz. \$1.00.

IPOMOEA (Moonflower or Morning-Glory)

675 S; 65° to 70° F.; 1 to 3 weeks (soak seeds);
Feb. through Mar.

Clarke's Heavenly Blue. Tr. pkt. 25c, oz. 75c.

Convolvulus

Minor Royal Ensign. Rich color. Extra dwarf. 12 in. Tr. pkt. 35c, 1/4 oz. \$1.00, oz. \$3.00.

IMPATIENS

70,000 S; 65° to 75° F.; 2 to 3 weeks; Jan. 1 for Mother's Day,
Feb. 1 for June 1

Ideal for bedding in shady places. Excellent for spring combinations if sown February 1. Easily grown.

Sultanii nana

Dwarf Orange Baby. New extra-dwarf, flat-growing variety of bright orange color.

Dwarf Scarlet Baby. A bright scarlet counterpart to above, with the same plant habits.

Fiery Scarlet. Large flowers. Globe-shaped plants.

Nana Mixed. Contains all the above colors and many others.

Any of above,

tr. pkt. \$1.50, 1/32 oz. \$3.00, 1/16 oz. \$5.75, 1/8 oz. \$10.50

KALANCHOE

900,000 S; 65° to 75° F.; 1 to 2 weeks. Sow Jan. for 4 and 5-in. plants for Christmas. Shade with black cloth by Sept. 1 for 6 weeks. June sowing, use 2 seedlings in 2 1/2-in. pot for winter plants.

Ernst Thiede. Very dwarf, compact growth. Glowing red.

Tom Thumb. Very dwarf. Short flowering stems form just above foliage.

Either of above, tr. pkt. \$1.50, 1/128 oz. \$3.00

KOCHIA (Summer Cypress)

30,800 S; 65° to 75° F.; 1 to 2 weeks; Apr. 15 to May 1

Childsii. Very attractive bush; stays clean fresh green. Tr. pkt. 15c, oz. 50c.

ANNUAL LARKSPUR

9410 S; 55° to 65° F.; 3 to 4 weeks

Giant Imperial or Base Branching New Supreme Class

New strain of tall-growing, base-branching, upright plants with huge central spike. Fully double flowers in outstanding new colors.

Dark Blue. Rich violet-purple.

Light Blue. Finest light blue.

Salmon. Real salmon. The largest-flowering Larkspur today.

Supreme Light Blue. Beautiful soft azure-blue.

White. Best pure white available.

Supreme Mixture. Formula mixture of above and additional colors.

Any of above, tr. pkt. 40c, 1/2 oz. \$1.00, oz. \$1.80,
1/4 lb. \$6.00, lb. \$18.00

Regal Larkspur

Regal Dark Blue. Best dark blue.

Regal Deep Carmine. Richer than Carmine King.

Regal Light Blue. The finest mid-blue, like bluebells.

Regal Pink. Brilliant pink on salmon.

Regal Rose. Long-stemmed, true rose.

Regal Salmon-Rose. Rich salmon.

Regal White. Pure white.

Regal Finest Mixed. Mixture of many colors.

Any of above, tr. pkt. 40c, 1/2 oz. \$1.00, oz. \$1.80, 1/4 lb. \$6.00, lb. \$18.00

"German's Seeds Germinate"

We mean just that. We supply only fresh, high-germinating seeds and have a reputation of doing so.

H. G. GERMAN, 103 Bank Street, Smethport, Penna.

LOBELIA

910,000 S; 60° to 70° F.; 2 to 3 weeks; Jan. through Feb.

Very popular bedding and combination plants, unsurpassed for bright blue edging. Sow not later than February 1.

Compacta

Cambridge Blue. Light blue.

Crystal Palace. Deep blue. Dark foliage.

Emperor William. Gentian-blue. Green foliage. Better than Blue Gown.

Mrs. Clibran Improved. Deep blue with white eye. Dark foliage.

Any of above, tr. pkt. 40c, 1/4oz. \$1.25, oz. \$3.75

Rosamond. (New.) Deep carmine with white eye. Tr. pkt. 40c, 1/4oz. \$1.25.

Pendula or Trailing

Sapphire. Deep blue with white eye. Tr. pkt. 40c, 1/4oz. \$1.20.

ANNUAL LUPINE

1300 S; 65° to 75° F.; 2 to 3 weeks

Giant King. Makes nice spring cut-flower crop in either 3-in. pots or flats from a January sowing.

Oxford Blue. Deep blue.

Sky-Blue.

White. Pure white.

Any of above, tr. pkt. 25c, oz. \$1.00

MARIGOLDS

8000 S; 65° to 70° F.; 1 to 2 weeks; Mar. 1 to 15

Crackerjack. (New.) Distinctly earlier than any other giant-flowered type. All colors known to Giant Marigolds. Blooms 4 to 6 in. in diameter, 30 to 36 in. tall. Tr. pkt. 40c, 1/4oz. \$1.00, oz. \$3.00.

FOR CUTTING—CARNATION-FLOWERED

Burpee Gold Improved. Orange; odorless.

Man-in-the-Moon. Pale moon-yellow.

Yellow Supreme. Dazzling lemon.

Treasure Chest. Well-blended mixture.

CHRYSANTHEMUM-FLOWERED

Orange Clown. African type. Rich deep orange collarette type. Very early and free flowering. Absolutely odorless. Flower is 2 1/2 to 3 in. across. Height 2 1/2 ft. Tr. pkt. 35c, 1/4oz. 85c, oz. \$3.00.

Early Sunshine. Bright lemon-yellow.

Goldsmith. Golden orange.

Mammoth Mum. Light sulphur-yellow. Largest flowered.

Orange Mum. (New.) Vivid rich orange. Very large.

Choice Mixture. A formula mixture of the above colors.

Any of above, tr. pkt. 35c, 1/4oz. 55c, oz. \$1.75

EARLY SEMI-DWARF FLOWERED. 1 1/2 to 2 ft., with 2 1/2 to 3-in. blooms. Very early.

Golden Crown. Beautiful glowing yellow, 3 1/2 to 4 1/2-in. blooms on plants growing about 20 in. high. Extremely early.

Happiness. Rich golden yellow. Earliest.

Honeycomb. Glowing orange.

Sunbright. Rich yellow.

Mixture. Extremely bright mixture of Golden Crown, Happiness and Honeycomb.

Any of above, tr. pkt. 35c, 1/4oz. 85c, oz. \$3.00



MARIGOLD, Dainty Marietta

MARIGOLDS, continued

DWARF FRENCH SINGLES

10,000 S; 60° to 70° F.; 1 to 2 weeks; Feb. 1 for early Apr., Mar. 1 for June 1.

The Dwarf French Marigolds are excellent for spring flat sales, combination work, bedding and borders.

Brownie. (New.) Rich mahogany-red with bright yellow crest. A dwarf, bushy plant. Very early blooming.

Naughty Marietta. Freely produced, single, golden yellow flowers with attractive dark red eyes. 12 in.

Ruffled Red. Beautifully ruffled mahogany-red, edged gold.

Sunny. Clear yellow. Profuse blooming habit.

Spanish Flag. Fine mixture of the single varieties.

Any of above, tr. pkt. 30c, 1/4oz. 50c, oz. \$1.75

Dainty Marietta. Very early and compact. Brighter yellow than Naughty Marietta. Excellent for flat sales and borders. Tr. pkt. 40c, 1/4oz. \$1.10, oz. \$3.35.

DWARF FRENCH DOUBLES

9000 S; 65° to 70° F.; 1 to 2 weeks; Jan. 15 for early Apr., Mar. 1 for June 1

All-America Award Winners for 1958

This new class of Extra Dwarf Doubles has received the award because it fills a much-felt need for extra-dwarf, very early, uniformly even and extremely floriferous varieties for flat sales, borders, bedding, combinations and mass effects. Color picture on front cover.

Petite Gold. Pure golden yellow.

Petite Orange. Dwarfier, truer and more prolific than Sunkist.

Petite Harmony. Extremely uniform, dwarfier, more floriferous and richer colored than Dwarf Spry. Deep mahogany-red collar with gold crest.

Petite Yellow. Extremely uniform, clear strong yellow. Dwarf and prolific.

Any of above, tr. pkt. 70c, 1/8oz. \$1.25, 1/4oz. \$2.00, oz. \$6.00, 1/4lb. \$20.00

Petite Mixed. Four colors mixed in equal proportions. **Special Collection: 1 tr. pkt. of each of above 4 colors and mixture (5 pkts.) for \$3.10.**

Color Magic. Bright and interesting color mixture. Large flowers. Very uniform habit.

Giant Spry. (New.) Bushy plants nearly twice the diameter of Spry but only slightly taller. Blooms are nearly double the size of Spry.



MARIGOLD, Color Magic

MARIGOLD, Dwarf French Doubles, continued

Lemon Drop. Sparkling lemon-yellow. An improved yellow Pygmy with larger, fully double flowers.

New Extra Dwarf Harmony. Maroon collar, bright orange center.

Primrose Gem, Extra Dwarf. (New.) Rich primrose-yellow blooms 2 to 2½ in. in diameter, on compact plants 9 to 12 in. tall.

Rusty Red. Large, fully double, red flowers. Free blooming.

Spry. Dark red petals and golden crest.

Sunkist. Deep golden orange.

Tangerine. Very double, large, tangerine-orange blooms.

Spry Hybrids Mixed. True dwarf habit in a complete range of colors and flower types.

Any of above, tr. pkt. 35c, ¼oz. 55c, oz. \$2.00, ¼lb. \$6.00

Firetail. (New.) A most striking color combination. Golden orange petals and tufted center, with reddish scarlet markings shooting through them from the base of the bloom. Tr. pkt. 50c, ½oz. \$1.10, ¼oz. \$2.00.

CUPID VARIETIES

Cupid Golden. (New.) A rich golden color.

Cupid Yellow. Dwarf; 8 in. Primrose-yellow, chrysanthemum-like flowers, 2½ to 3 in. across.

Cupid Orange. (New.) True strain of orange.

Cupid Mixed. Various shades of orange, primrose and yellow.

Any of above, tr. pkt. 50c, ½oz. 90c, ¼oz. \$1.75, oz. \$5.00

DWARF GIGANTEA. 18 to 20 in.

Dwarf Gigantea, Pot o'Gold. Deep golden orange, sweet-scented flowers 4 to 4½ in. in diameter. Free flowering, neat and compact.

Dwarf Gigantea, Gypsy Jewels. Wide color range of orange, yellow and primrose shades.

Either of above, tr. pkt. 25c, ¼oz. 50c, oz. \$1.75

TAGETES SIGNATA PUMILA

Gnome. The well-known golden yellow. Tr. pkt. 25c, ¼oz. 35c.

Lulu. (New.) Bright yellow. Compact, ball-shaped plant about 7 in. high. Tr. pkt. 35c, ½oz. 70c, ¼oz. \$1.25.

Ursula. (New.) Same habit as Lulu but bright orange color. Tr. pkt. 35c, ½oz. 70c, ¼oz. \$1.25.

NICOTIANA

239,000 S; 65° to 70° F.; 1 to 2 weeks; Apr. 15

Daylight White. White; large flowered. 36 in. tall.

Daylight Sensation Mixed. (New.) Blooms remain open during daytime. Brilliant range of colors.

Either of above, tr. pkt. 40c, ¼oz. \$1.00

NIEREMBERGIA

182,900 S; 70° to 75° F.; 2 to 3 weeks; Dec. and Jan.

Purple Robe. Unusually attractive for combination work and bedding. Tr. pkt. 50c, ¼oz. \$1.00, ½oz. \$1.75.

Sweet Violet-Blue. (New.) Lavender-blue, wide-open blooms with a small, deep yellow center. Tr. pkt. 50c, ¼oz. \$2.50.

PANSY

21,700 S; 65° to 70° F.; 2 to 3 weeks; late Dec.

Early January sowing will make attractive plants to sell in the spring. We have been specializing in Pansy seed for a number of years and we list below the leading varieties for the average florist. Roggli's seed is the finest strain in the world, with rich colors and huge flowers. Petals have a texture that makes this strain outstanding.

German's New Winter-flowering. A new development; large flowering. Butterfly type in size, color and shape. Often measures 3 in. across. Very tall growing with long stems. Mostly delicate colors. Tr. pkt. \$1.50, ½oz. \$3.75, ¼oz. \$7.25.

Clear Crystals. See in color on inside back cover. Early, medium large blooms. Clear colors without blotches—very bright blues, oranges, reds, etc., artistically blended. Tr. pkt. \$1.00, ½oz. \$2.00, ¼oz. \$3.50, oz. \$11.00.

Pacific Giant Hybrid, Color Carnival. F₂ generation seed. Exceptionally large blooms on plants that plainly show their hybrid vigor. A remarkable accomplishment in bloom size and color. Predominantly red and wine shades. Tr. pkt. \$1.50, ½oz. \$3.75, ¼oz. \$7.00, ½oz. \$12.00, oz. \$22.00.

Roggli's Elite Mixture. (Originator.) Finest mixture of bright attractive colors. Especially recommended for its large flowers and uniformity in color and habit. The best strain of Swiss Giant Pansy obtainable anywhere. Tr. pkt. \$1.50, ½oz. \$3.75, ¼oz. \$7.00, oz. \$22.00.

Canadian Giants. A selection of extra-large Maple Leaf Giants. ¼oz. \$3.10, ½oz. \$5.50, oz. \$10.20.

Engelmann's Giant Mixture. (Originator's seed.) Large-flowered and brightly colored strain, many being penciled and veined. Tr. pkt. \$1.00, ½oz. \$3.30, ¼oz. \$6.00, ½oz. \$10.00, oz. \$18.00.

German's Special Swiss Giants. (New.) This new mixture has very large flowers in an excellent range of colors. It brought many favorable remarks in our trials. Tr. pkt. 75c, ¼oz. \$3.15, ½oz. \$5.75, oz. \$10.50, ¼lb. \$36.00.

Swiss Market or Florist's Strain. This is a new mixture with large flowers and an outstanding range of colors, for your select trade. Tr. pkt. 75c, ½oz. \$1.40, ¼oz. \$2.75, oz. \$9.00.

Waller-Franklin Formula Mixture of Swiss Giants. The outstanding American strain. ¼oz. \$3.50, oz. \$12.00.

In short-seasoned areas where the older Chrysanthemum-type Marigolds are not satisfactory, try the new Early Semi-Dwarf Flowering listed on page 13.

PANSIES, continued

SWISS GIANTS IN SEPARATE COLORS

- Alpenglow.** Rich garnet-red.
Berna. Dark velvet without eye.
Blumlisalp. Pink-carmine.
Coronation Gold. The finest clear yellow.
Firebeacon. Brick-red.
Jungfrau. Pure white.
Lake of Thun. Blue with dark blue blotches.
Pay Dirt. Largest golden yellow with dark rays.
Raspberry Rose. A lovely pink with a deep velvety blotch.
Rhinegold. Yellow with deep brown blotch.
Super Beaconsfield. Beautiful blue, lower petals shading to white, flushed lilac on the upper petals.

Any of above, tr. pkt. 80c, 1/8oz. \$2.00,
 1/4oz. \$3.50, oz. \$11.00



PETUNIA, All-Double Cotton Candy

DOUBLE PETUNIAS

250,000 S; 65° to 70° F.; 1 to 2 weeks; sow in Nov. for Easter, from then to Mar. for different sizes for June

German's Special All-Double Mixture. This is our own mixture from the best varieties. It is carefully blended from the best colors of Pan-American, Canadian and Sakata strains. All are large flowered and a high percentage are fringed. Our careful blending assures you of the finest range of bright-colored, dwarf, compact plants. Tops in popularity wherever grown. Because it is mixed from separate colors, the price is in line with those varieties. 1/2tr. pkt. \$2.50, tr. pkt. \$4.25, 1/128oz. \$8.00, 1/64oz. \$15.25.

PAN-AMERICAN ALL-DOUBLES

In our opinion the most outstanding strain of Double Petunias offered today. Plants branch freely, are sturdy, compact, free flowering and the flowers are large and deeply fringed.

Allegro Improved. This outstanding variety has been greatly improved. Deep salmon, dwarf, giant fringed. A lovely new color.

Caprice Improved. Beautiful, deeply fringed bright rose flowers on dwarf compact plants. The best double rose obtainable.

Minuet. Now vastly improved. We have found this to be the most suitable orchid for pots or bedding.

Nocturne. Deep midnight-purple flowers, very large. This strain has been much improved since first introduced.

Rhapsody. Deep Burgundy-wine-purple, huge fringed flowers; very uniform. Dwarf, vigorous, free branching. The finest in its color class. Try it.

Sonata. The best double white ever offered to the trade. Very large flowered and deeply fringed. No semi-doubles.

Any of above, 1/2tr. pkt. \$2.75, tr. pkt. \$4.50, 1/128oz. \$8.50, 1/64oz. \$16.00

Glorious Mixture. Contains six separate colors in the following amounts: Allegro 2%, Caprice 35%, Minuet (lavender) 5%, Nocturne 5%, Rhapsody 10%, Sonata 20%. 500 seeds \$2.25, 1000 seeds \$4.00, 1/128 oz. \$7.50, 1/64oz. \$14.50.

CANADIAN ALL-DOUBLES

Cotton Candy. A really outstanding, heavily fringed variety of exquisite form. Light salmon.

Canadian All-Doubles, continued

Rose of Canada. Fully double, bright medium to deep rose flowers about 3 in. in diameter. Compact, bushy plants.

Canadian Mixture, Improved. (100% double.) Improved by adding separate colors. Plants are uniformly dwarf, but vigorous and base branching.

Any of preceding, 1/2tr. pkt. \$2.50, tr. pkt. \$4.00, 1/128oz. \$7.60, 1/64oz. \$14.45, 1/32oz. \$28.00

All-Double America. (New Strain.) Deep rose, medium-sized, very double, rose-like flowers completely cover the plants. 1/2tr. pkt. \$1.35, tr. pkt. \$2.50, 1/128oz. \$4.50, 1/64oz. \$8.00.

SAKATA'S ALL-DOUBLE DWARF (VICTORIOUS) FRINGED

Gaiety. An old favorite, dwarf type in rose or light rose, red and white. Flowers 3 1/2 to 4 in. in diameter. A wonder for combination work. 1/2tr. pkt. \$2.25, tr. pkt. \$4.00, 1/128oz. \$6.50, 1/64oz. \$12.00, 1/32oz. \$22.00.

Blue Brocade. Well-known, true violet-blue, fringed flowers 3 1/2 to 4 in. in diameter, are borne on 10-in. plants.

Extra Dwarf White Reselected. (New.) The earliest and most dwarf white double. 10-in. plants with 4-in. flowers.

Purple Queen. Large, well fringed, full double. Rich wine-purple. 9 to 12 in. high.

Rosy Carmine Reselected (World Beauty or Pink Perfection). This improved variety has a brighter rose color and is more uniform in growth. 10-in. plants with 4-in. blooms. A "must" for pot-plant growers.

Dwarf Giant (Victorious) Mixed. We add separate colors to the originator's mixture to give you a better color range.

Any of above, 1/2tr. pkt. \$2.25, tr. pkt. \$4.00, 1/128 oz. \$6.50, 1/64oz. \$12.00, 1/32oz. \$22.00

"German's Seeds Germinate"

We mean just that. We supply only fresh, high-germinating seeds and have a reputation of doing so.

PETUNIAS

250,000 S; 65° to 70° F.; 1 to 2 weeks; sow in Nov. for Easter, from then to Mar. for different sizes for June



PETUNIA, F₁ Hybrid, Maytime

NEW F₁ HYBRIDS OR LARGE-FLOWERED TYPES

Try these new types and see the difference. They are uniform, vigorous, freer in bloom and show color earlier and more uniformly.

F₁ Hybrid, Single Grandiflora

250,000 S; 65° to 75° F.; 1 to 2 weeks; Jan. 15 to Mar. 1

Maytime. All-America Winner for 1958. Color picture on cover. The largest flowering ruffled and fringed Petunia. Flowers are a stunning rosy salmon-pink, 3½ in. and over in diameter. Plants grow only 12 in. high. This new Petunia holds up well in rain or heat and is continuously covered with flowers.

Blue Lustre. Flowers are a deep velvety blue; as they mature, they develop a rich red undertone. 12 in. high and spreads to 24 in. at end of season. Never a pause in flower production.

Either of above, ½tr. pkt. \$1.75, tr. pkt. \$3.00, 1/128oz. \$5.50, ¼oz. \$10.00, ½oz. \$19.00, 1/16oz. \$36.00, 1/8oz. \$69.00

Ballerina. All-America Winner for 1952. Soft glowing salmon. Dwarf, compact and vigorous. 3½ to 4-in. blooms. Excellent for pots; outstanding for gardens.

Black Magic. Dwarf fringed midnight-purple. Excellent for pot plants or bedding. Florets 2¾ to 3¼ in. in diameter. Plants are well covered with flowers at all times.

Crusader. Large, fringed rose-pink-on-white variegation. The sharp contrast in color makes this variety very attractive.

Fire Dance. All-America Winner for 1956. Large Fringed Grandiflora. Very brilliant tango-red with rich golden throat. Highly recommended.

La Paloma. Pure white with yellow throat. Dwarf fringed. Vigorous and free blooming. Blooms 3 to 3½ in. in diameter.

New F₁ Hybrids or Large-Flowered Types, continued

Prima Donna. (New.) All-America Selection for 1954. This new variety has the same growing and flowering habits as Ballerina. Bright rose-pink with well-fringed, 3½ to 4-in. blooms.

Sarong. Large, fringed, bright deep salmon-scarlet with white variegation. Dwarf, compact habit; extremely free flowering. All visitors remarked about this beautiful new variety.

Tango. Deep salmon-scarlet. Dwarf fringed. More vigorous than the Erfurts; freer blooming.

White Magic. Pure white ruffled Grandiflora blooms. Dwarf compact habit.

Florists' Mixture (Ballet). Contains all the above colors in well-blended proportions, plus many new shades.

Any of above, ½tr. pkt. \$1.35, tr. pkt. \$2.50, 1/128oz. \$4.50, ¼oz. \$8.00, ½oz. \$15.50, 1/16oz. \$29.00

Blue Mantle. Rich velvety violet-blue. Very uniform in its dwarf habit. Our trial did not show any white variegation. Very early blooming. We believe this to be the best large-flowering violet-blue ever introduced.

Glamour. Bright rose and white bicolor. Extremely compact. Stays dwarf and blooms early. Large, fringed, 3¾ to 4-in. blooms. For pots and flat sales.

Dwarf Snow Cap. (New.) Pure white flowers similar to Popcorn but 100% Grandiflora. Vigorous, free-blooming plants. The largest flowering white available.

Minstrel. Large 3-in. flowers. White marked with rich blue. Dwarf, compact habit. Extremely uniform in habit and marking.

Modesty. (New.) The largest soft silver-blue available. Daintily fringed blossoms on compact plants.

Velvet Robe. The newest color in Hybrid Petunias. The same velvety wine-red as Velvet Ball or King Henry, but without their objectionable habits.

Any of above 6 varieties, ½tr. pkt. \$1.10, tr. pkt. \$1.95, 1/128 oz. \$4.00, ¼oz. \$7.00, ½oz. \$13.50, 1/16oz. \$25.00



PETUNIA, F₁ Hybrid, Minstrel

Our business has prospered on this slogan:

"Large enough to serve you and small enough to know you."

PETUNIAS, continued

New F₁ Hybrids or Large-Flowered Types, continued

Bonfire. (New.) Dazzling bright salmon-scarlet with golden throat. Florets 3 in. in diameter are profusely borne on dwarf compact plants. Very early blooming.

Fairyland. Beautiful light salmon-pink. Very uniform, compact grower about 8 in. high, carrying a mass of 3-in. blooms.

Flirt. Clear pink. A dwarf, compact grower about 8 in. tall, completely covered with 3½-in. blooms. The best bloomer in our trials.

Any of above 3 varieties, ½tr. pkt. \$1.10, tr. pkt. \$1.95, 1/128oz. \$4.00, ¼oz. \$7.00, ½oz. \$13.50, 1/16oz. \$25.00

F₁ HYBRID, SMALL-FLOWERED SINGLES OR MULTIFLORAS

Pink Satin. These brilliant rose-pink blooms command attention. Has the same attractive, globe-shaped plant and ability to cover itself with blooms as the popular Red Satin.

Peach Satin. Beautiful warm salmon-pink. Flower size larger than others of the Satin group and slightly taller plant habit, but has the same globe-shaped plants and ability to bloom as others in the Satin Series.

Red Satin. All-America Winner for 1957. Richer, brighter, more dwarf scarlet-red, with larger flowers than Comanche. Given the award because of its superiority.

Any of above, ½tr. pkt. \$1.25, tr. pkt. \$2.25, 1/128oz. \$3.50, ¼oz. \$7.00, ½oz. \$12.75, 1/16oz. \$23.50, 1/8oz. \$43.00

New Alpha Series. These Petunia plants drew our attention very early in our trials. They have compact, globe-shaped plants, more intense uniform colors and the plants are continuously covered with a mass of bloom.

Alpha White. Pure uniform compact white, only 12 in. in height at end of growing season in our trials. Most dwarf F₁ white on the market.

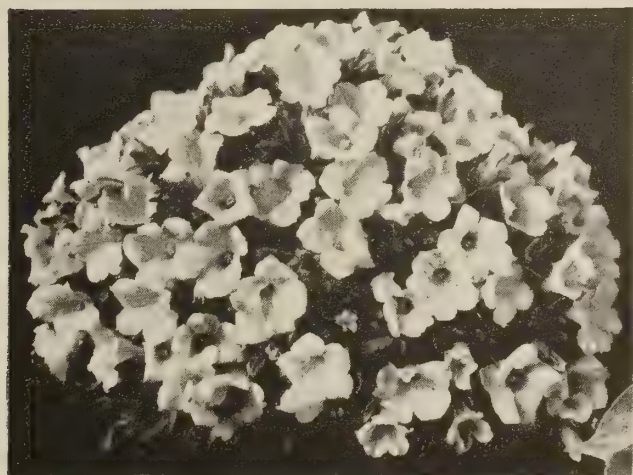
Alpha Purple. Dark blue or purple, by far the most dwarf dark blue of the more than 20 samples we tested. More dwarf and compact than Blue Ribbon, only 10 in. in height at end of season in our trials.

Alpha Red. Bright flaming red. Stayed slightly more dwarf than Red Satin and more uniform habit, only 12 in. high at end of season. Same color as Red Satin.

Alpha Crimson. Dark velvet crimson.

Alpha Rose. Soft glowing Celestial Rose shade.

Any of above 5 varieties, ½tr. pkt. \$1.00, tr. pkt. \$1.75, 1/128oz. \$3.50, ¼oz. \$6.50, ½oz. \$11.70, 1/16oz. \$20.00



PETUNIA, Alpha Rose

F₁ Hybrid, Small-Flowered Singles or Multifloras, continued

Aztec. (New.) Best described as a dwarf Comanche with a prominent bright yellow throat. We have tested this variety for three years and are certain that its introduction will be acclaimed. Beautiful as a bedder and border plant.

Inca. (New.) An intense deep cerise-rose with bright yellow throat. Vigorous, compact plants. A beautiful bedding and border Petunia.

Apache. Bright rose-red. Color similar to Lipstick, but more vigorous and productive.

Comanche. Brilliant scarlet-crimson. Deeper, more intense color than Fire Chief, with larger flowers profusely borne. A leading variety.

Linda. Clear light salmon-pink. Dwarf, vigorous, free-blooming plant. Color same as Silver Medal, but plant is more dwarf.

Mohawk. Bright rose-pink. Semi-dwarf, compact, yet vigorous plant habit. Introduced last year and already a "must" on any alert grower's list.

Paleface. Pure white. Unquestionably the most vigorous and extremely free flowering white Petunia in existence. All growers who have observed this variety place it on their "must" list.

Pink Beauty. Beautiful pink, richer in color and darker centered than First Lady. Very free flowering.

Silver Medal. Salmon-cerise. Uniform height (12 to 16 in.) and color. Profuse bloomer.

Sioux. Intense glowing salmon shading toward red at throat. Similar in color to the highly popular Ballerina. Vigorous and free blooming, on dwarf compact plants.

War Paint (Pow-wow). Blend of all the above colors plus several new shades.

Any of above, ½tr. pkt. \$1.00, tr. pkt. \$1.75, 1/128oz. \$3.50, ¼oz. \$6.50, ½oz. \$11.70, 1/16oz. \$20.00

Star Flight. Deep velvety crimson, uniformly starred with contrasting pure white. Profuse bloomer of upright, yet dwarf habit. Tr. pkt. \$1.25, 1/128oz. \$2.20, ¼oz. \$3.60, ½oz. \$6.00, 1/16oz. \$10.00.

Glitters. All-America Winner for 1957. New unique bi-colored Petunia in dwarf compact form. Brilliant scarlet and white blooms profusely cover plants from start until frost. ½tr. pkt. \$1.25, tr. pkt. \$2.50, 1/128oz. \$4.10, ¼oz. \$7.45, ½oz. \$14.00; 1/16oz. \$26.50, 1/8oz. \$47.50.

Snow Ball. Extra dwarf, early, pure white, 1¾-in. flowers completely cover this plant at all times. Globe-shaped, compact plants. Very desirable for flat sales and bedding. ½tr. pkt. \$1.00, tr. pkt. \$1.65, 1/128oz. \$3.00, ¼oz. \$5.50, ½oz. \$10.00, 1/16oz. \$18.00.

RUFFLED NANA COMPACTA

65° to 70° F.; 1 to 2 weeks; Jan. 15 to Mar. 1

Little Giants Mixed. Plants are covered with a mass of blooms 4 in. and more in diameter. The mixture has an excellent color range. It has the pancake style of growth of Martha Washington. For potting and bedding it just can't be beaten. ¼oz. \$1.50, ½oz. \$2.75, 1/16oz. \$5.00.

CALIFORNIA GIANTS. (5 to 7 in. in diameter.)

Paramount Giants. Free-flowering mixture of all shades. Well suited to outdoors; showy even under adverse conditions. Tr. pkt. \$1.35, ¼oz. \$2.75, ½oz. \$4.75, 1/16oz. \$8.50, 1/8oz. \$15.00, 1/4oz. \$28.00.

PETUNIAS, continued

DWARF CALIFORNIA GIANTS IMPROVED. (5 to 7 in.)

160,500 S; 65° to 70° F.; 1 to 2 weeks; late Dec. to Mar. 1

Dwarf Giants of California, Extra-Dwarf Giants. Our best mixture, this new strain has been bred to fill the need for a truly dwarf pot Petunia. Flowers have well-marked open throats and are beautifully ruffled and fringed. $\frac{1}{2}$ tr. pkt. \$1.00, tr. pkt. \$1.75, $\frac{1}{4}$ oz. \$3.00, $\frac{1}{32}$ oz. \$5.50.

German's Special Dwarf Giants of California. Uniformly dwarf, not grown as a mixture but blended from separate plant selections. The color range includes new shades of pink, salmon, rose and copper. Tr. pkt. \$1.75, $\frac{1}{4}$ oz. \$2.75, $\frac{1}{32}$ oz. \$5.00, $\frac{1}{16}$ oz. \$9.50.

Multibloom Mixed. When used as a bedder or for combinations, this strain is bushier and freer flowering than other Dwarf Giants. $\frac{1}{2}$ tr. pkt. \$1.00, tr. pkt. \$1.75, $\frac{1}{4}$ oz. \$2.75, $\frac{1}{32}$ oz. \$5.00, $\frac{1}{16}$ oz. \$9.50, $\frac{1}{8}$ oz. \$18.00.

Ramona Strain, Light Shades. Sturdy plants especially bred for pot culture. Light shades predominate. Tr. pkt. \$1.75, $\frac{1}{4}$ oz. \$2.75, $\frac{1}{32}$ oz. \$5.00, $\frac{1}{16}$ oz. \$9.50.

GRANDIFLORA NANA COMPACTA

314,000 S; 65° to 70° F.; 1 to 2 weeks; Jan. 15 to Mar. 15

King Henry. Velvety red. Very compact. Produces $2\frac{1}{2}$ -in. blooms on 8-in. plants.

Velvet Ball. Deep mahogany-red. Excellent for potting or bedding.

Either of above, tr. pkt. 75c, $\frac{1}{32}$ oz. \$1.35, $\frac{1}{16}$ oz. \$2.50

LARGE SINGLE FRINGED. Flowers 3 to 4 in. in diameter.

232,000 S; 65° to 70° F.; 1 to 2 weeks; Jan. 15 to Mar. 15

Fringed Snowstorm. Well-fringed, pure white flowers with golden throat, freely produced. Tr. pkt. \$1.00, $\frac{1}{4}$ oz. \$1.75.

Super Fluffy Ruffles. Mixed colors, so intensely fringed and ruffled that the blooms resemble a double Petunia. Tr. pkt. \$1.00, $\frac{1}{4}$ oz. \$1.90, $\frac{1}{32}$ oz. \$3.40.

White Mound. Plant forms a perfect mound of fringed, large blooms. Introduced recently and well liked by all who have grown it. $\frac{1}{4}$ oz. \$1.75, $\frac{1}{32}$ oz. \$3.00.

Carnival. F₂ hybrid. An inexpensive mixture of large, ruffled and fringed flowers. Contains all colors. Tr. pkt. \$1.00, $\frac{1}{4}$ oz. \$2.00, $\frac{1}{32}$ oz. \$3.75.

LARGE-FLOWERED DWARF FRINGED (Erfurt Types)

Blue Butterfly. Velvety dark blue, well fringed. Tr. pkt. \$1.00, $\frac{1}{4}$ oz. \$1.75.

Carmencita. Deep scarlet-salmon, an entirely new color that is a "knockout," nearly a true scarlet-orange. A dwarf Erfurt. Tr. pkt. \$1.50, $\frac{1}{128}$ oz. \$2.00, $\frac{1}{4}$ oz. \$3.50.

Lace Veil. 8 in. Large, pure white, fringed flowers. $\frac{1}{4}$ oz. \$1.50, $\frac{1}{32}$ oz. \$2.75.

Setting Sun. 8 in. Brilliant rose-pink, the most popular of its color. $\frac{1}{4}$ oz. \$1.50, $\frac{1}{32}$ oz. \$2.75.

LARGE SINGLE PLAIN EDGED. Flowers 3 to 4 in. in diameter.

Dazzler. Deep carmine-rose; excellent dwarf bedding or pot plant. Tr. pkt. \$1.00, $\frac{1}{4}$ oz. \$2.25.

Dwarf Elk's Pride. Velvety violet, a reselected strain. Tr. pkt. \$1.00, $\frac{1}{4}$ oz. \$1.75, $\frac{1}{32}$ oz. \$3.00, $\frac{1}{16}$ oz. \$5.25.

Popcorn. A really dwarf strain of the old favorite Snowstorm. A wonderful plant for pots or bedding. Tr. pkt. \$1.50, $\frac{1}{4}$ oz. \$2.75, $\frac{1}{32}$ oz. \$5.00, $\frac{1}{16}$ oz. \$9.50, $\frac{1}{8}$ oz. \$18.00.

Royalty. Rich purple with white stars and blotches. $\frac{1}{4}$ oz. \$1.50, $\frac{1}{32}$ oz. \$2.75.

Large Single Plain Edged, continued

Snowstorm Improved. Best large-flowered, single pure white. Dwarf, compact habit of growth. $\frac{1}{4}$ oz. \$1.90, $\frac{1}{32}$ oz. \$3.30, $\frac{1}{16}$ oz. \$5.75.

White Cloud. Pure white. Dwarf, compact habit; free flowering. $\frac{1}{4}$ oz. \$1.90, $\frac{1}{32}$ oz. \$3.30, $\frac{1}{16}$ oz. \$5.75.

White Queen. Extra large, wavy, pure white flowers. $\frac{1}{4}$ oz. \$1.90, $\frac{1}{32}$ oz. \$3.30, $\frac{1}{16}$ oz. \$5.75.

DWARF SINGLE HYBRIDA

285,000 S; 65° to 70° F.; 1 to 2 weeks; Feb. 1 to Apr. 1

Colorama. (New.) Your dissatisfaction with the best blends of regular Nana Compacta type Petunias, with their uneven plant habit, has been completely eliminated with this variety. Colorama is not grown as a mixture. The F₁'s used in making this mixture are planted and harvested as separate colors and then superbly blended. Pure whites, salmons, scarlets, fiery reds, light to dark pinks, white, bicolor, crimson, blue and purple and many starred varieties make up this well-balanced blend. Tr. pkt. \$1.00, $\frac{1}{16}$ oz. \$1.75, $\frac{1}{8}$ oz. \$3.00, $\frac{1}{4}$ oz. \$5.35.

Admiral Improved. Best blue Petunia available. Very compact in growth. $\frac{1}{4}$ oz. \$1.65, $\frac{1}{32}$ oz. \$2.90, $\frac{1}{16}$ oz. \$5.25.

Blue Bedder Improved. (New.) Mid-blue; most compact habit in this color; early flowering. Tr. pkt. 50c, $\frac{1}{16}$ oz. 80c, $\frac{1}{8}$ oz. \$1.50, $\frac{1}{4}$ oz. \$2.50.

Celestial Rose Improved. This is the most uniform and compact strain available. Deeper rose coloring and slightly larger flowers than the original. Tr. pkt. 50c, $\frac{1}{8}$ oz. \$1.10, $\frac{1}{4}$ oz. \$2.00, oz. \$6.50. (Caution: This strain, due to its close inbreeding, is of weaker germination than the one listed below.)

Celestial Rose. Excellent strain, free flowering and uniform. The finest all-purpose bright pink. Tr. pkt. 35c, $\frac{1}{8}$ oz. 90c, $\frac{1}{4}$ oz. \$1.30, oz. \$4.50.

Cream Star. $2\frac{1}{4}$ -in. blooms shaped like a five-pointed star. Soft creamy white with bright golden yellow throat. Tr. pkt. 50c, $\frac{1}{8}$ oz. \$1.25, $\frac{1}{4}$ oz. \$2.25.

Dwarf Rose of Heaven. This is an *extra-select stock*, very compact and true to type. Brilliant rose-pink. Tr. pkt. 50c, $\frac{1}{8}$ oz. \$1.00, $\frac{1}{4}$ oz. \$1.75, oz. \$6.00.

Fire Chief. All-America Gold Medal Winner for 1950. Brilliant scarlet-red. Tr. pkt. 50c, $\frac{1}{16}$ oz. \$1.65, $\frac{1}{8}$ oz. \$2.90, $\frac{1}{4}$ oz. \$5.00.

German's Cheerful. This is an improved strain, darker than the original. 100% true. A clear salmon-pink with deep rose veining. Tr. pkt. 75c, $\frac{1}{32}$ oz. \$2.00.

Glow. Rich dazzling carmine-rose. One of the most popular. Plants dwarf. Tr. pkt. 50c, $\frac{1}{16}$ oz. \$1.25, $\frac{1}{8}$ oz. \$2.00, $\frac{1}{4}$ oz. \$3.75.

Heavenly Blue (Silver Blue). Sky Chief improves this variety.

Howard's Star Improved. Medium tall, velvety crimson with white star. This strain is very true. Tr. pkt. 50c, $\frac{1}{8}$ oz. \$1.00, $\frac{1}{4}$ oz. \$1.75.

Lipstick. (New.) Unfading carmine-rose. Plants are a mass of flowers until frost. An outstanding variety in our trial grounds. Tr. pkt. 50c, $\frac{1}{16}$ oz. \$1.65, $\frac{1}{8}$ oz. \$2.90.

Rosy Morn Select. Pink with white throat. Tr. pkt. 50c, $\frac{1}{4}$ oz. \$1.50, $\frac{1}{32}$ oz. \$2.50.

PETUNIAS, Dwarf Single Hybrida, continued

Sky Chief. (New.) Definitely improves all other pale blues. Dwarf, compact habit. Plants well covered with good-sized, pale blue flowers. 1 ft. high. Tr. pkt. 50c, $\frac{1}{8}$ oz. \$1.65, $\frac{1}{4}$ oz. \$3.00.

Snowball Improved. Finest dwarf white. A more compact strain with well-rounded, pure white flowers in profusion. Tr. pkt. 50c, $\frac{1}{4}$ oz. \$1.80, oz. \$5.40.

Twinkles. Rose with pure white star. Tr. pkt. 50c, $\frac{1}{8}$ oz. \$1.00, $\frac{1}{4}$ oz. \$1.75.

Special Dwarf Mixture. Our own mixture, with a well-balanced range of colors. Mixed from the leading varieties of this class. Tr. pkt. 35c, $\frac{1}{8}$ oz. \$1.00, $\frac{1}{4}$ oz. \$1.75, oz. \$6.00.

Balcony Mixed. Mixture of the best colors. Tr. pkt. 40c, $\frac{1}{8}$ oz. 80c, $\frac{1}{4}$ oz. \$1.50.

We recommend Colorama

PHLOX

17,500 S; 65° to 70° F.; 2 to 3 weeks; Jan. to Mar. 1

Twinkles. All-America Winner for 1957. 6-in. plants completely covered with a twinkling mass of dainty, star-shaped flowers. A delightful bedding and combination subject, with an attractive color array. Should be on every grower's list. Tr. pkt. 75c, $\frac{1}{8}$ oz. \$1.30, $\frac{1}{4}$ oz. \$2.35, oz. \$7.00.



PHLOX Drummondii Nana Compacta, Special Florists' Mixture

PHLOX, continued

Ideal Bedding Mixed. (New.) A new dwarf florists' strain, uniform in habit, with a most striking array of unusually gay, bright colors. Tr. pkt. 75c, $\frac{1}{4}$ oz. \$2.00, $\frac{1}{2}$ oz. \$3.85, oz. \$7.00.

Globe Phlox Mixed. Forms well-rounded plants only 4 to 6 in. high, fully base branching and of the most dwarf and uniform habit. Plants bloom all summer and do not die out like the common annual Phlox. Tr. pkt. 50c, $\frac{1}{8}$ oz. \$1.50, $\frac{1}{4}$ oz. \$2.50, oz. \$8.00.

Drummondii Nana Compacta. Plants grow about 8 in. high and bloom freely. Fine for boxes and bedding.

Blue Beauty

Fireball. Scarlet.

Pink Beauty

Violet Beauty

Special Florists' Mixture. Mixed from eight separate colors.

Any of above, tr. pkt. 50c, $\frac{1}{4}$ oz. \$1.50, $\frac{1}{2}$ oz. \$2.35, oz. \$4.50

RICINUS (Castor Beans)

Cambodgensis. (60 S per oz.) Darkest maroon leaves. Stalks nearly black. 4 ft. Oz. 40c, $\frac{1}{4}$ lb. \$1.35.

Zanzibarensis Mixed. (30 S per oz.) Giant leaves; green foliage. Oz. 30c, $\frac{1}{4}$ lb. \$1.00.

Mixed Colors and Varieties. (60 S per oz.) As named. Tr. pkt. 30c, $\frac{1}{4}$ lb. \$1.00.

SALPIGLOSSIS

105,200 S; 65° to 70° F.; 2 weeks; late Mar.

Emperor Mixed. Valuable for summer cutting, also spring flowering under glass. Tr. pkt. 25c, $\frac{1}{4}$ oz. 60c, oz. \$1.80.

PRIMULA

360,000 S; 65° to 70° F.; 2 to 3 weeks; early May until Oct.

MALACOIDES

Sow seed from early May until October for spring-blooming plants of various sizes. Primula seeds will not tolerate fertilized soil in seed flats or during early stages of growth.

Large-flowered

Extra Choice Mixture. A choice mixture of many excellent colors. Tr. pkt. \$1.00, $\frac{1}{4}$ oz. \$2.50, $\frac{1}{2}$ oz. \$4.50.

CHINENSIS FIMBRIATA

18,000 S; 65° to 70° F.; 3 to 4 weeks; Jan. to June

A large-flowered, dwarf, and non-poisonous Primrose. Very popular wherever grown. Sow March through May for plants from Christmas on.

Olympia Hybrids. (New.) Rich mixture of best colors. Enormous umbels of giant, substantial flowers. Tr. pkt. \$1.00, $\frac{1}{4}$ oz. \$2.00.

OBCONICA

120,000 S; 65° to 75° F.; 3 to 4 weeks; Jan. through Mar.

Coerulea. Best blue.

Fasbender's Red. Extra-large, deep crimson-red flowers.

Mueller's Berlin Rose. Large, soft medium rose.

Mohnstein's Crimson

Pure White. Large white.

Finest Mixed. Complete mixture of all colors.

Any of above, tr. pkt. \$1.25, $\frac{1}{4}$ oz. \$2.25

"German's Seeds Germinate"

We mean just that. We supply only fresh, high-germinating seeds and have a reputation of doing so.

PORTULACA

307,000 S; 65° to 70° F.; 2 to 3 weeks; Feb. through Mar.

German's All Double Mixed. 100% double; large flowered. A fine color range of many new shades. So uniformly double that it produces only half as much seed as most double strains. Tr. pkt. 50c, ¼oz. \$2.00, oz. \$6.50.

Dwarf Double Mixed. Excellent range of colors and a high percentage of doubles. Tr. pkt. 35c, ¼oz. \$1.15, oz. \$3.50.



German's All Double Mixed PORTULACA

SALVIA (Scarlet Sage)

7500 S; 70° to 75° F. (should have bottom heat); 2 to 3 weeks; Feb. 10 to Apr. 1

America (Globe of Fire). Brilliant scarlet. 18 in. Tr. pkt. 60c, ¼oz. \$1.50, oz. \$5.00, ¼lb. \$17.00.

Blaze of Fire. The earliest of all Salvias. Orange-scarlet. Dwarf. 15 in. Tr. pkt. 85c, ¼oz. \$2.25, ½oz. \$3.85, oz. \$7.00, ¼lb. \$24.00.

Bonfire (Clara Bedman). Bright scarlet-red. Erect habit; free bloom. 26 to 30 in. Tr. pkt. 60c, ¼oz. \$1.50, oz. \$5.00, ¼lb. \$17.00.

Fireworks. (New.) We predict this variety will replace St. John's Fire as soon as it becomes better known. It is the same color and blooms more uniformly early. More compact and darker leaved, it holds its color until frost and the plants make a better show. Tr. pkt. 85c, ½oz. \$1.75, ¼oz. \$3.00, ½oz. \$5.50, oz. \$10.00.

Scarlet Pygmy, Extra Dwarf (Fireball or Scarlet Piccolo). A very compact and well-branched variety blooming slightly earlier than St. John's Fire, but about 4 in. shorter. Recommended for early pot and flat sales. Tr. pkt. \$1.25, ½oz. \$2.20, ¼oz. \$4.00, oz. \$12.00.

Splendens. Latest and tallest. 36 in. Tr. pkt. 50c, ¼oz. \$1.25, ½oz. \$2.25, oz. \$4.00, ¼lb. \$14.00.

St. John's Fire. Very early. Bright scarlet. 10 to 12 in. Tr. pkt. 85c, ½oz. \$1.55, ¼oz. \$2.75, ½oz. \$4.75, oz. \$8.50, ¼lb. \$30.00.



SALVIA, Blaze of Fire

SALVIA, continued

FARINACEA

22,000 S; 70° to 75° F.; 2 to 3 weeks; Feb. and Mar.

Royal Blue. Deep blue flowers. The best blue Salvia. Tr. pkt. 60c, ¼oz. \$2.00, oz. \$6.00.

HORMINUM

Pink Sundae. (Novelty.) Brilliant rose-pink leaves crown the plant. At first glance they look like flowers. The real flowers are tiny pink blooms close to the stems and hardly noticeable. This novelty brought exclamations at our trials and those at Penn State. Grows 20 to 22 in. high. May be used for cutting. Tr. pkt. 30c, ¼oz. 90c, oz. \$2.70.



SALVIA FARINACEA, Royal Blue

SCABIOSA

4090 S; 65° to 70° F.; 2 to 3 weeks

Blue Moon. Very large, fully double, lavender-blue flowers.

Bridesmaid. Salmon-pink shades.

Either of above, tr. pkt. 25c, 1/4oz. 70c, oz. \$2.25

Giant Hybrid Mixture. Special strain containing the new large-flowered varieties only. Tr. pkt. 25c, 1/4oz. 65c, oz. \$2.00.

SCHIZANTHUS

43,000 S; 65° to 70° F.; 1 to 2 weeks

Ball Dwarf Mixture. Dwarf strain. Medium-sized flowers on compact heads. Excellent pot plant. Tr. pkt. 60c, 1/8oz. \$1.80.

Blackmore & Langdon Strain. Dark and light shades, blotched. 18 in. Tr. pkt. 50c, 1/4oz. \$2.25.

Excelsior compactus, Finest Mixed. Compact, pyramidal, free flowering. 6 in. Excellent for pot use. Popular. Tr. pkt. 60c, 1/4oz. \$2.25.

SNAPDRAGON. See Antirrhinum, pages 3, 4, 5 and 6.

SOLANUM

CHRISTMAS CHERRY

12,000 S; 65° to 75° F.; 3 to 4 weeks

Capsicastrum Patersoni. Dwarf, spreading, compact habit. Red, cherry-shaped fruits and dark green foliage. 8 to 10 in.

Clevelandi. Cleveland-cherry-red.

Either of above, tr. pkt. 35c, 1/4oz. \$1.00, oz. \$3.00

CHRISTMAS PEPPER

9000 S; 65° to 75° F.; 3 to 4 weeks

Craigi. Dwarf ornamental Pepper, green at first, then white and purplish and finally red.

Red Boy. (New.) Most dwarf variety available. Its small, bright red fruits show color much earlier than others.

Either of above, tr. pkt. 50c, 1/4oz. \$1.50, oz. \$5.00

STATICE

245 heads; 65° to 70° F.; 2 to 3 weeks

SINUATA

Bonduelli superba. Similar to Sinuata, but with large yellow flowers.

Heavenly Blue. (New.) Bright sky-blue.

Market Rose. Fine new color, deeper and warmer than Rosea superba.

Rosea superba. Rosy lavender.

Snow White. Greatly improved white.

True Blue. Extra deep blue.

Choice Mixed. Mixture of best varieties.

Any of above, tr. pkt. 25c, oz. 75c, 1/4lb. \$2.50, lb. \$7.25

SUWOROWII (Rat-tail Statice).

12,000 S; 65° to 70° F.; 2 to 3 weeks

Long, graceful, rose-pink flowers. Sown outdoors early, will bloom in July. Tr. pkt. 25c, 1/4oz. 45c, oz. \$1.50.

Have you grown Portulaca lately? This beautiful annual is again a top favorite.



SANVITALIA PROCUMBENS (Creeping Zinnias)

See page 24

STOCKS

18,700 S; 65° to 70° F.; 2 weeks

BEDDING STOCKS

Trysomic Seven-Weeks Mixed. Branching garden variety. Choice colors; earliest blooming Stock offered. 80 to 85% double count. 1/2tr. pkt. \$1.00, tr. pkt. \$1.75, 1/8oz. \$2.90, 1/4oz. \$5.00.



STOCKS, Trysomic Seven-Weeks Mixed

Dwarf Ten-Weeks All-Double Select, Mixed. (New.) A complete color mixture. By saving only the light-leaved seedlings, you can supply your customers with nearly 100% double flowers. Tr. pkt. (1000 seeds) \$1.15, 1/4oz. \$2.75, 1/2oz. \$5.25, oz. \$10.00.

Beauty of Nice. Early, free-flowering type of branching habit. Recommended for plant sales in the spring to the home gardener.

Mixed Colors. Tr. pkt. 30c, 1/4oz. 75c, oz. \$2.50.

Dwarf Ten-Weeks Blood-Red

Formula Mixture

Either of above, tr. pkt. 30c, 1/4oz. \$1.00, oz. \$3.00

STOCKS, continued

Our sales of Stock seed have been increasing rapidly in the last several years because of the growing popularity of this flower and the wonderful results our customers are obtaining from our highly bred strains. There are numerous strains on the market, but we have found ours to be equal to and in many cases superior to any other strain offered. Listed below are the varieties we have found to be the most popular.

NON-BRANCHING OR COLUMN

Approximate sowing dates:

July 15 to Aug. 1—bloom about mid-Jan.
 Sept. 1—bloom about mid-Mar.
 Oct. 1—bloom about early Apr.
 Dec. 15—bloom about May 15.
 Feb. 15 (latest date)—bloom about early June.

NEW TRYSONIC COLUMN

This is the first color to be offered in this high double-column Stock. Our trials have repeatedly shown a double average of 85%. **The most vigorous seedlings in Trysonic Stocks are the singles.** In other respects it is identical to current normal double strains. To assure the highest percentage of doubles, do not attempt to select seedlings.

TRYSONIC PACIFIC PINK. $\frac{1}{2}$ tr. pkt. \$1.00, tr. pkt. \$1.75, $\frac{1}{4}$ oz. \$2.90, $\frac{1}{4}$ oz. \$5.00.

Apricot. Ivory-apricot.

Avalanche. Earliest white. Spike is especially long and massive, with very double, closely set florets. Pure white.

Crimson Giant. Distinct new color, an alive and attractive bright crimson-red.

Deep Apricot. An improved deeper apricot.

Lilac-Lavender. Fine color for Memorial Day.

Pacific Pink. Clear, warm, luminous pink with no lavender tints. A true pink. Tr. pkt. \$1.25.

Pink No. 22. Bright silvery rose; heavy spike and extra-long stems.

Royal Purple. Dark purple.

White No. 16. Tall; pure white.

Yellow Wonder. Deep creamy yellow.

Formula Mixture. Our own mixture.

Any of above, except where noted, tr. pkt. (approx. 1200 seeds) \$1.15, $\frac{1}{4}$ oz. \$2.75, $\frac{1}{2}$ oz. \$5.25, oz. \$10.00

SWEET PEAS

340 S; 65° to 70° F.; 2 weeks

NEW ZVOLANEK EARLY MULTI-FLOWERED

Extra-long stems, each bearing four to six flowers.

Multi-flowered Cranberry-Red. Christmas Red.

Multi-flowered Deep Rose. Very productive.

Multi-flowered Elk's Purple.

Multi-flowered Flag Blue. Mid-blue; excellent stems.

Multi-flowered Lavender. Extra large.

Multi-flowered Light Rose-Pink. A shade lighter than Multi-flowered Rose.

Multi-flowered Orange-Cerise. Gigantic, glittering orange-cerise flowers.

Multi-flowered Rose. Clear rose-pink.

Multi-flowered Salmon-Pink. One of the best commercial varieties. Lovely deep salmon-pink.

Multi-flowered White. As many as seven or eight blooms per stem.

Mixed Colors. A blend of the best varieties.

Any of above, $\frac{1}{2}$ oz. \$1.10, oz. \$2.00, $\frac{1}{4}$ lb. \$6.65



STOCK, Trysonic Pacific Pink

SWEET PEAS, continued

SPRING FLOWERING OR CUTHBERTSON

We recommend a November sowing, which should bloom in late March. Will withstand hot weather and have very long stems.

Alice. (New.) Soft blush-salmon-pink.	Janet. White. B. S.
Carol. Clear pink on white ground.	Jimmy. (New.) Deep yet vivid scarlet. Large flowers and long stems.
Danny. Navy-blue.	Lois. Rose-pink.
Evelyn. Soft salmon-pink.	Tommy. Beautiful mid-blue.
Frank G. Lavender.	Waneta. (New.) Bright deep salmon.
Hazel. Light blue.	

Mixed Colors.

Any of above, $\frac{1}{2}$ oz. 35c, oz. 55c, $\frac{1}{4}$ lb. \$1.65, lb. \$5.00

New Floribundas or Spring Flowering Multifloras. A new race of spring-flowering Sweet Peas. This new strain is becoming more popular every year.

Astrid. Light lavender.	Robert. Mid-blue.
Daisy. White. B. S.	Rose Dawn. Rose with cream base.
Evelyn. Deep salmon-pink.	Warrior. Scarlet-cerise.
Flora. Rose-carmine.	Mixed Colors. Mixture of all shades.
Joy. Deep salmon-pink.	
Pink Dream. Rose-pink.	

Any of above, $\frac{1}{2}$ oz. 85c, oz. \$1.50, $\frac{1}{4}$ lb. \$5.00

"German's Seeds Germinate"

We mean just that. We supply only fresh, high-germinating seeds and have a reputation for doing so.

H. G. GERMAN, 103 Bank Street, Smethport, Penna.



SWEET WILLIAM, Wee Willie
(Planted as edging plant with Ageratum, Blue Mink)

SWEET WILLIAM, Annual

31,000 S; 65° to 70° F.; Mar. 20 on

Wee Willie. A brand-new annual, this single-flowering type blooms in 6 to 8 weeks, starts to bloom at a height of 2 in., eventually reaching 6 in. Compact plants, 4 in. in diameter. Ideal for bedding plant or flat sales. Tr. pkt. 55c, 1/8oz. \$1.65, 1/4oz. \$3.00.

THUNBERGIA (Black-eyed Susan)

1260 S; 65° to 70° F.; 2 to 3 weeks

Alata. Attractive climber for urns and window-boxes. Tr. pkt. 35c, 1/4oz. 60c, oz. \$1.80

TORENIA Fournieri

375,000 S; 65° to 75° F.; 2 weeks; Feb. 1 on

Compacta, Blue. Deep blue flowers with violet blotches on lip. Nice for spring pot plants for combination work or bedding.

Compacta, White. Nice white.

Either of above, tr. pkt. 40c, 1/8oz. \$1.25, 1/4oz. \$2.25

VERBENA

12,250 S; 65° to 75° F.; 3 to 4 weeks; Jan. to Mar. 15

Following is a good selection of colors for all of our florist customers. Sow early with bottom heat.

Beauty of Oxford Hybrids. Rose-red to clear rose-pink.

Brightness. (New.) Flaming cerise-scarlet with white eye.

Lavender Glory. Fragrant, true lavender.

Luminosa. Pink shaded to salmon.

Royale. Rich deep blue with white eye.

Salmon King. (New.) Deep salmon.

Vivid. (New.) Bright sunproof scarlet.

White. Pure white.

Mixed. Contains all the above colors.

Any of above, tr. pkt. 45c, 1/4oz. \$1.25, oz. \$3.75



VERBENA, Calypso (Candy Striped)

VERBENA, continued

Calypso (Candy Striped). Newest novelty. Until today these gaily striped varieties have been available from cuttings only, but we are now introducing our own origination of mixed colors with contrasting stripes and blotches. 80% or more have this striped effect. Healthy, bushy plants growing 1 ft. high. Color combinations include pink and rose, rose and white, red and white, lavender and crimson, purple and white, and some solid colors. Unusually bright colors predominate. This mixture caused much comment in our trial garden. Tr. pkt. 75c, 1/4oz. \$1.85, 1/2oz. \$3.30, oz. \$6.10.

BUSH TYPE

Bush Type Blend. Brilliant new blend of all colors in proper proportion. Tr. pkt. 55c, 1/4oz. \$1.30, oz. \$4.00.

HYBRIDA COMPACTA

German's Exhibition Mixture. This strain is very dwarf and about two weeks earlier than other strains. Plants are upright and are excellent for combination work or borders. To maintain the extra dwarfness and complete color range of this strain, we must produce this item ourselves. Tr. pkt. 60c, 1/4oz. \$1.75, 1/2oz. \$3.20, oz. \$6.00.

Crystal. (New.) Pure white. Same habit as Sparkle.

Delight. Lovely coral-pink.

Sparkle. (New.) The most compact and brightest red Verbena. Has a bright creamy eye. Plants produce a continuous mass of bloom all summer.

Any of above, tr. pkt. 60c, 1/4oz. \$1.35, oz. \$4.50

Ideal Florists' Strain. A special development for pot and flat culture. Beautiful color combinations of the eyed kinds. Very dwarf, spreading habit. Tr. pkt. 75c, 1/4oz. \$1.85, 1/2oz. \$3.30, oz. \$6.10.

VINCA rosea

21,000 S; 65° to 70° F.; 2 to 3 weeks; Nov. through Dec.

Sow seed early (October or November). Splendid for bedding and combinations. Blooms all summer until frost; does well any place.

Coquette (Little Pinkie). (New.) A dwarf type Vinca, growing only 10 in. tall. Its tolerance to heat and drought makes Vinca an ideal bedding and combination plant. Glossy, deep green leaves on plants covered with attractive, rosy pink blooms. Tr. pkt. 45c, 1/4oz. \$1.35, oz. \$4.50.

Alba. White.

Crimson. Dark rose-pink.

Twinkles. Soft pink.

White with Pink Eye

Mixed Colors

Any of above, tr. pkt. 35c, 1/4oz. 60c, oz. \$2.00

ZINNIAS

NEW HYBRIDS—GIANT CACTUS-FLOWERED

3120 S; 70° to 80° F.; 1 to 2 weeks (6 weeks from sowing to selling date)

Treasure Island. (New.) Here's a real treasure for your best customers—a new mixture of the popular Cactus-Type Zinnias. Brilliant reds, rich yellows, bright orange, rose, salmon and pink shades, with flowers 6 to 7 in. in diameter. The entire range is spectacular and pleasing. **Tr. pkt. 40c, ¼oz. 75c, ½oz. \$1.35, oz. \$2.50.**

Floradale Scarlet. Scarlet-red. Petals beautifully ruffled and curled, resembling a giant chrysanthemum.

Ice Cream. (New.) The first giant pure cream Zinnia. Fully formed, cactus-type blooms up to 5 in. and more in diameter. This color will be highly prized, for it combines with and has a tendency to harmonize all other garden colors.

Plus-X-Cactus. (New.) Genuine F₃ Hybrid mixture. Hybrid vigor, size and blooming profusion drew many favorable comments in our trials. A wealth of new colors, shades and bicolor effects plus all other Zinnia shades.

Riverside Beauty. Azalea-pink. Petals curled and twisted.

New Hybrids Mixed. A widely varied mixture of the cactus or chrysanthemum-flowered type. Contains the usual colors plus many new and delicate shades. As predicted, this type Zinnia will rapidly increase in demand.

Any of above, tr. pkt. 50c, ¼oz. 75c, ½oz. \$1.40, oz. \$2.50, ¼lb. \$7.50

Blaze. All-America winner, 1954. Very large; scarlet-orange. Long stemmed and free flowering. **Tr. pkt. 50c, ¼oz. \$1.00, oz. \$3.00.**

GIANT DAHLIA-FLOWERED AND CALIFORNIA GIANTS. 2960 S. 2½ to 3 ft. The best large-flowered Zinnias.

Canary Bird. Rich canary-yellow.

Cherry-Rose. Brilliant cherry-rose.

Crimson Monarch. Deep crimson; very large.

Dream. Deep rosy lavender.

Exquisite. Light rose with deep rose center.

Golden State. A rich orange-yellow.

Illumination. Deep rose self.

Luminosa. Bright deep pink.

Miss Willmott. Rich pink.

Oriole. Orange and gold bicolor.

Purity. Best giant white.

Purple Prince. Deep purple.

Salmon Queen. Beautiful salmon-rose.

Will Rogers. Lovely brilliant deep scarlet.

Gold Medal Finest Mixed

Any of above, tr. pkt. 30c, ¼oz. 50c, ½oz. 85c, oz. \$1.50, ¼lb. \$5.00, lb. \$15.00

Ortho Polka. Colors similar to Peppermint Stick but Ortho Polka has not only novel color markings but plenty of size and vigor. Plants grow about 3 ft. tall, with cutting stems of good length and large flowers over 4 in. across. We anticipate a large demand for this new Zinnia. **Tr. pkt. 50c, ¼oz. \$1.25, ½oz. \$2.10, oz. \$3.75, ¼lb. \$12.50.**



ZINNIA, Miss Universe

Miss Universe. The greatest new Zinnia. Extra early, largest sized flowers ever seen. Deep, full flowers in a complete range of colors. Bushier, more compact plants with long stems branching near the base. Ideal for cut flowers and bedding. An improved Super Giant type. **Tr. pkt. 50c, ¼oz. \$1.25, ½oz. \$2.10, oz. \$3.75, ¼lb. \$12.50.**

ELEGANS PUMILA, DWARF DOUBLE (Cut-and-Come-Again)

Canary-Yellow. Bright yellow.

Golden Orange

Pinkie. Rose-pink.

Salmon-Rose

Scarlet

Snowball. White.

Mixture

Any of above, tr. pkt. 30c, ¼oz. 50c, oz. \$1.50, ¼lb. \$5.00

Peppermint Stick. Novelty striped flowers. Early. **Tr. pkt. 35c, ¼oz. 70c, oz. \$2.25, ¼lb. \$7.00.**

LILLIPUT or POMPON. 4800 S. 1½ to 2 ft.

Canary Gem. Canary-yellow. **Salmon Gem.** Salmon-rose.

Golden Gem. Golden orange. **Scarlet Gem.** Rich scarlet.

Pink Gem. Deep pink. **White Gem.** Pure white.

Rosebud. Rose-pink. **Formula Mixed**

Any of above, tr. pkt. 30c, ¼oz. 50c, ½oz. 80c, oz. \$1.50, ¼lb. \$5.00

OTHER VARIETIES OF ZINNIAS

Cupid Mixture. Dwarf plants producing many small double flowers 1 in. in diameter. All colors in nicely balanced mixture. **Tr. pkt. 50c, ¼oz. \$1.50.**

Persian Carpet. Charming, variegated small flowers. Excellent for bedding; attractive. **Tr. pkt. 50c, ¼oz. \$1.50, oz. \$4.50.**

Red Riding Hood (Gracillima). Small, double, bright red flowers on compact plants. 1 ft. high. **Tr. pkt. 50c, ¼oz. \$1.50.**

Tom Thumb Mixture. Small, double flowers on compact plants. **Tr. pkt. 50c, ¼oz. \$1.50.**

Creeping Zinnia (Sanvitalia procumbens). 50,000 S. Fine dwarf edging plant with small, double, yellow flowers with brown eyes. 4 to 7 in. **Tr. pkt. 35c, ¼oz. 65c.**

Seeds of Biennials and Hardy Perennials



AQUILEGIA, McKana's Giant Hybrid

ACHILLEA Ptarmica

200,000 S; 65° to 70° F.; 1 to 2 weeks

The Pearl. Standard double white for cutting. Tr. pkt. 50c, 1/8oz. 65c, 1/4oz. \$1.15.

ALYSSUM

40,000 S; 65° to 70° F.; 3 to 4 weeks

Saxatile compactum. Silvery foliage; yellow flowers. Tr. pkt. 25c, 1/4oz. 40c, oz. \$1.20.

ANCHUSA

1100 S; 65° to 70° F.; 3 to 4 weeks

Italica, Dropmore. Gentian-blue. Tr. pkt. 25c, oz. 60c.

ANEMONE (Windflower)

37,000 S; 65° to 70° F.; 5 to 6 weeks

St. Brigid, Creagh Castle Strain. Choice mixture of brilliant colors. 18 in. Tr. pkt. 50c, 1/4oz. \$1.00, oz. \$3.00.

ARMERIA

17,500 S; 65° to 70° F.; 3 to 4 weeks

Formosa Hybrids Mixed. Tr. pkt. 40c, 1/8oz. 75c, 1/4oz. \$1.40.

AQUILEGIA (Columbine)

15,500 S; 65° to 70° F.; 3 to 4 weeks

McKana's Giant Hybrid. (New.) All-America Award, 1955. The first perennial to receive an award in recent years. Many beautiful new colors. Extremely long spurred. Tr. pkt. 50c, 1/8oz. \$1.75, 1/4oz. \$2.75, 1/2oz. \$5.00, oz. \$16.00.

Crimson Star. Bicolor, dark red and white. Tr. pkt. 50c, 1/8oz. \$1.50, 1/4oz. \$2.75.

Longissima. Extra long spurred. Pale yellow. Tr. pkt. 60c, 1/8oz. \$1.80, 1/4oz. \$3.30.

Mrs. Scott Elliott's Hybrids. Long-spurred; fine color range and large blooms. Tr. pkt. 50c, 1/4oz. \$1.50, oz. \$4.50.

BELLIS

100,000 S; 65° to 70° F.; 1 to 2 weeks

MONSTROSA

Lavender. (New.) **Red.** Deep rose. **Rose.** Rose-pink. **White.** Pure white. **Mixed Colors**

Any of above, tr. pkt. 50c, 1/4oz. \$2.00

DOUBLE

Crispa Cherry. (Novelty.) Red, cherry-like flowers. Tr. pkt. 50c, 1/4oz. \$1.50, oz. \$5.00.

Longfellow Pink. Dark pink. Smaller but freer flowering than Monstrosa types. Tr. pkt. 35c, 1/8oz. 75c.

SUPER GIANT or ENORMA

From special selections. Flowers measure up to 2 in. in diameter.

Pure White **Red.** Deep rose. **Rose.** Deep pink.

Crimson Ball. Deep crimson. **Mixed**

Salmon. (New.) Nice light salmon-pink.

Any of above, tr. pkt. 60c, 1/8oz. \$1.80, 1/4oz. \$3.30

CAMPANULA

Medium, Single (Canterbury Bells).

135,000 S; 65° to 70° F.; 2 weeks

White **Blue** **Rose** **Finest Mixed**

Any of above, tr. pkt. 20c, 1/4oz. 30c, oz. 90c

Calycanthemum (Cup-and-Saucer Type).

120,000 S; 65° to 70° F.; 2 to 3 weeks

Dark Blue **Rose-Pink** **White** **Mixed**

Any of above, tr. pkt. 30c, 1/4oz. 50c, oz. \$1.75

CANDYTUFT (Iberis)

11,500 S; 65° to 70° F.; 2 to 3 weeks

Gibraltarica. Large flowers, lilac shades to white. 1 ft. Tr. pkt. 30c, 1/4oz. 50c, oz. \$1.60.

Sempervirens. White. 1 ft. Tr. pkt. 50c, 1/4oz. \$1.20, oz. \$4.50.

CARNATION

14,000 S; 65° to 70° F.; 2 to 3 weeks

Grenadin, Golden Sun. Golden yellow.

Grenadin, Peppermint Stick. Red and white striped.

Grenadin, Red **Grenadin, Triumph Rose**

Grenadin, Pure White **Grenadin, Mixed**

Any of above, tr. pkt. 60c, 1/8oz. \$1.20, 1/4oz. \$2.00, oz. \$6.50

DWARF VIENNA. 12 in. This strain is much used for spring basket sales.

Prof. Malmgreen. Brick-red.

Desdemona. Bright salmon-rose.

Othello. Crimson.

White. Pure white.

Rose. Rose-pink.

Mixed

Any of above, tr. pkt. 60c, 1/8oz. \$1.20, 1/4oz. \$2.25

For Annual varieties, see page 9

We receive many compliments on the excellent germination of our Perennials and Biennials.

CENTAUREA

1600 S; 65° to 75° F.; 2 to 3 weeks

Montana. Large, cornflower-blue flowers. Tr. pkt. 25c, 1/4oz. 50c, oz. \$1.50.

CHRYSANthemum leucanthemum

25,000 S; 65° to 75° F.; 2 to 3 weeks

Alaska Daisy. Pure white flowers on long stems. Blooms June till frost. Tr. pkt. 25c, oz. \$1.00.

Exhibition Giant White. Pure white. Ideal cut flower, producing a large number of real double and semi-double flowers. Tr. pkt. 50c, 1/8oz. \$1.50, 1/4oz. \$2.75.

DAISY, SHASTA

18,500 S; 65° to 70° F.; 2 to 3 weeks

G. Marconi. Long-stemmed, largest-flowered and finest double Shasta Daisy.

Diener's Giant Double. Fine white.

Either of above, tr. pkt. 55c, 1/8oz. \$1.65, 1/4oz. \$3.00

DELPHINIUM

10,000 S; 55° to 65° F.; 3 to 4 weeks

GIANT PACIFIC HYBRIDS. We consider the following to be the most satisfactory type for florists.

Astolat Series. Pale blush tints with some darker tones; all have dark bees. 1/2tr. pkt. \$1.50, tr. pkt. \$2.25, 1/8oz. \$4.25, 1/4oz. \$7.75 (originator's seed).

Black Knight. Royal violet with dark bee.

Blue Bird Series. A white bee on clear medium blue petals.

Blue Jay. Medium blue with dark bee.

Cameliard Series. Pure lavender with white bee.

Galahad Series. Finest white. Strong stems; branching habit. 3-in. flowers.

Guinevere. Light pink-lavender with white bee.

King Arthur. Brilliant royal violet with white bee.

Percival Series. Large, glistening white flowers with contrasting black bees.

Summer Skies. Clear light blue with white bee.

Round Table Mixture. All Pacific Giants.

Any of above, except where noted, tr. pkt. \$1.25, 1/8oz. \$2.25, 1/4oz. \$4.00, oz. \$13.50

Belladonna Improved. Tr. pkt. 50c, 1/4oz. \$1.25, oz. \$3.75, 1/4lb. \$12.50.

Bellamosum Improved. Tr. pkt. 50c, 1/4oz. \$1.25, oz. \$3.75, 1/4lb. \$12.50.

Blackmore & Langdon Strain Mixed. One of the best-known strains. Tr. pkt. 50c, 1/4oz. \$1.25, oz. \$3.75, 1/4lb. \$12.50.

Gold Medal Hybrids Mixed. Dark shades. Tr. pkt. 35c, 1/4oz. \$1.00, oz. \$3.00.

Lamartine. Gentian-blue with cream center. Fine for cutting. Tr. pkt. 50c, 1/4oz. \$1.35, oz. \$4.75.

Sapphire. A shade lighter and brighter than Bellamosum, with golden bee. Has immense florets and is an excellent florists' item. Tr. pkt. 75c, 1/4oz. \$2.50, oz. \$7.50.

Wrexham (Hollyhock) Strain. Long flowering period. Extremely long and tapering spire-like spikes. Tr. pkt. 50c, 1/4oz. \$1.50, oz. \$5.40.

CHINENSE

Alba. Pure white. 2 to 3 ft. Tr. pkt. 35c, oz. \$1.25.

Blue Mirror. (New.) Bright navy-blue, spurless flowers. Tr. pkt. 50c, 1/4oz. \$1.15, oz. \$3.60.

DICTAMNUS (Gas-Plant)

1700 S; soak seed (germinates unevenly)

Fraxinella, Red. Rosy pink flowers with deeper veins; very showy. 2 1/2 ft. Tr. pkt. 35c, 1/4oz. 75c, oz. \$2.25.



DIGITALIS, Horizontal Excelsior Hybrids

DIGITALIS (Foxglove)

272,500 S; 65° to 70° F.; 2 to 3 weeks

Horizontal Excelsior Hybrids. (New.) The florets of this new strain are carried either horizontally or nearly so, thus revealing the full effect of the markings inside the bells. Complete color range. Tr. pkt. 50c, 1/4oz. \$1.20, 1/2oz. \$1.95, oz. \$3.60.

Shirley Hybrids Mixed. Enormous flowers. 6 to 7 ft. Tr. pkt. 35c, 1/4oz. \$1.00, oz. \$3.00.

Shirley, Pastel Shades. New shades of cream, yellow, apricot, rose-pink and heliotrope. Tr. pkt. 50c, 1/4oz. \$1.30, oz. \$4.00.

DIANTHUS

26,600 S; 65° to 70° F.; 2 to 4 weeks

BARBATUS (SWEET WILLIAM)

Giant White. Extra large-flowered strain.

Newport Pink. Very attractive rich pastel salmon-rose.

Scarlet Beauty. Intense scarlet-red.

Double Mixture. Formula mixture of all colors.

Any of above, tr. pkt. 30c, 1/4oz. 75c, oz. \$2.40

Double Dwarf Midget Mixed. Tr. pkt. 35c, 1/4oz. 85c, oz. \$3.00.

Dwarf Single Midget Mixed. Excellent rock plant. Tr. pkt. 50c, 1/4oz. \$1.50, oz. \$4.50.



GAILLARDIA, Goblin

DIANTHUS, continued

PLUMARIUS

Semperflorens (Florist's Perpetual Pinks). Extra-choice mixture. Tr. pkt. 35c, $\frac{1}{4}$ oz. 60c, oz. \$2.00.

Semperflorens, Cyclops. Rose and red shades with deeper eye. Tr. pkt. 35c, $\frac{1}{4}$ oz. 60c, oz. \$2.00.

Spring Beauty. Very fragrant; double giant carnation-like form. Beautiful color range. Tr. pkt. 50c, $\frac{1}{4}$ oz. \$1.40, oz. \$5.00.

Special Scotch Extra Double Mixture. Outstanding mixture. Stems 12 to 15 in. long; blooms $1\frac{1}{2}$ to 2 in. in diameter. Tr. pkt. 35c, $\frac{1}{8}$ oz. \$1.00, $\frac{1}{4}$ oz. \$1.75, oz. \$5.10.

DICENTRA (Bleeding-Heart)

1600 S; germinate same as Trollius

Spectabilis. Rose-red flowers. Tr. pkt. \$1.50, $\frac{1}{16}$ oz. \$2.50, $\frac{1}{8}$ oz. \$4.50.

FORGET-ME-NOT (Myosotis)

30,400 S; 65° to 70° F.; 2 to 3 weeks

Carmine Bedder. (New.) This is the deepest rose color. The 6-in. plants produce an abundance of bright rosy carmine flowers. Tr. pkt. 50c, $\frac{1}{4}$ oz. \$1.15, oz. \$4.00.

Alpestris, Express. Early, large-flowered selection from Indigo Blue. Tr. pkt. 40c, $\frac{1}{4}$ oz. 95c, oz. \$3.15.

Alpestris, Rose. Delicate Rose-pink. Tr. pkt. 40c, $\frac{1}{4}$ oz. 95c, oz. \$3.15.

Hybrida

Isolde Krotz. Extra dwarf, very large flowered. Rich blue.

Margo Sacher. Celestial blue. The largest flowered of all.

Either of above, tr. pkt. 50c, $\frac{1}{4}$ oz. 95c, oz. \$3.15

Victoria Strain. Has very dwarf, globular growth; large flowered.

Azure-Blue Indigo-Blue Rose White

Any of above, tr. pkt. 40c, $\frac{1}{8}$ oz. 85c, $\frac{1}{4}$ oz. \$1.60

Oblongata. For spring greenhouse flowering.

Perfecta. Large flowered blue, blooms in 8 weeks.

Blue Bird. Dark blue large-flowered.

Any of the above three, tr. pkt. 40c, $\frac{1}{4}$ oz. 90c, oz. \$3.25

GAILLARDIA grandiflora

9500 S; 65° to 70° F.; 2 to 3 weeks

Burgundy. Wine-red flowers $2\frac{1}{2}$ in. across. Blooms from June till frost. $2\frac{1}{2}$ ft.

Bremen. Large flowers of bright golden yellow with maroon-red center. 3 ft.

Monarch Strain. A superior strain of large, full-petaled flowers with an excellent range of colors.

Any of above, tr. pkt. 30c, $\frac{1}{4}$ oz. 50c, oz. \$1.75

GAILLARDIA, continued

Goblin. Forms attractive, compact plants with red and yellow bicolored flowers. Free flowering.

Golden Goblin. Bright yellow. Compact plants.

Either of above, tr. pkt. 30c, $\frac{1}{4}$ oz. 65c, oz. \$2.25

GEUM (Avens)

7000 S; 65° to 70° F.; 3 to 4 weeks

Lady Stratheden. Large, double, orange-yellow flowers.

Mrs. Bradshaw. Splendid double, bright scarlet flowers. 2 ft.

Either of above, tr. pkt. 30c, $\frac{1}{4}$ oz. 60c, oz. \$1.75

Orange Queen. Orange-scarlet, large double flowers. Tr. pkt. 50c, $\frac{1}{8}$ oz. \$1.25.

GYSOPHILA

33,000 S; 65° to 70° F.; 1 to 2 weeks

Double Snowflake. 40 in. 20 to 40% double. Pure white. Tr. pkt. 50c, $\frac{1}{4}$ oz. \$1.50, oz. \$5.00.

HEUCHERA (Coral Bells)

750,000 S; 65° to 70° F.; 2 to 3 weeks

Sanguinea hybrida Mixed. Shades of red through rose to white. Tr. pkt. 50c, $\frac{1}{16}$ oz. \$1.75.

HOLLYHOCK

3200 S; 65° to 70° F.; 2 to 3 weeks

Chater's Mixed. Tr. pkt. 35c, $\frac{1}{4}$ oz. 65c, oz. \$2.00.

Triumph Strain. Beautiful fringed flowers in new shades. Tr. pkt. 35c, $\frac{1}{4}$ oz. 65c, oz. \$2.00.

IBERIS (Hardy Candytuft). See Candytuft.

LIATRIS (Gayfeather)

9500 S; 65° to 70° F.; 3 to 4 weeks

Pycnostachya. Long-stemmed rosy crimson spikes 15 to 18 in. long. Finest for cutting.

Scariosa. Rosy purple; long spikes. 4 ft.

Scariosa, Snow-White. Considered by many to be the most beautiful Liatris. Blooms of purest white.

Any of above, tr. pkt. 50c, $\frac{1}{4}$ oz. \$1.80

LUPINES

1000 S; 65° to 70° F.; 3 to 4 weeks (soak seed)

Russell Hybrids Mixed. Large flowers; marvelous color range. Tr. pkt. 35c, $\frac{1}{4}$ oz. 60c, oz. \$2.00, $\frac{1}{4}$ lb. \$6.00.

LYCHNIS

64,000 S; 65° to 70° F.; 3 to 4 weeks

Forresti Hybrids. Free-blooming strain in shades of pink, carmine and white. 2 ft. Tr. pkt. 35c, $\frac{1}{4}$ oz. \$1.10, oz. \$3.30.

Viscaria splendens. Rosy lilac; for rock gardens. 14 in. Tr. pkt. 25c, $\frac{1}{4}$ oz. 50c.

MATRICARIA (Bridal Rose or Feverfew)

145,000 S; 65° to 70° F.; 2 to 3 weeks

Ultra-Double White. Select florists' strain. Closely approaches the quality usually obtained only from cuttings. Tr. pkt. \$1.00, $\frac{1}{16}$ oz. \$2.00, $\frac{1}{4}$ oz. \$6.00.

Ball Double White. Extra select. 18 in. Tr. pkt. 40c, $\frac{1}{8}$ oz. \$1.10, $\frac{1}{4}$ oz. \$2.00.

MYOSOTIS. See Forget-Me-Not.

POPPY, ORIENTAL

140,000 S; 65° to 70° F.; 1 to 2 weeks

Beauty of Livermere. Dark oxblood-red.

Brilliant. Vivid fiery red.

Princess Victoria Louise. Light orange-salmon.

Choice Mixed. Mixture of all colors.

Any of above, tr. pkt. 40c, 1/4oz. \$1.20, oz. \$3.60

PRIMULA veris (Polyanthus)

33,000 S; 65° to 70° F.; 3 to 6 weeks

GIANT FLOWERED

Bright Yellow

Coerulea. Blue shades.

Red Shades

Giant Munstead. Light shades.

White

Colossea Mixed. Giant flowered choicest mixed. Contains many new shades.

Any of above, tr. pkt. \$1.00, 1/16oz. \$1.35, 1/8oz. \$2.50

Japonica Mixed. Crimson, rose and pink flowers borne in whorls on 6 to 9-in. stems. Tr. pkt. 50c, 1/8oz. \$1.00.

Acaulis Blue. Beautiful shade of blue. Tr. pkt. \$1.25.

Acaulis Mixed. When in full bloom, these luxuriant plants are a mass of brilliance. Each tight, rose-like bud is carried on a separate stem. Tr. pkt. \$1.10.

Auricula, Monarch Strain Mixed. An exceedingly hardy Primula. Very attractive plant forming rosettes of thick leaves, sometimes farinose or mealy. The plants bloom from April to June and again in the fall. Tr. pkt. \$1.10.

Sieboldi. Most rugged Primula. Beautiful yet fragile-looking, fringed blooms of white, rose and lavender shades. 350 seeds \$2.50.

Denticulata grandiflora. Beautiful globular blooms on long stems. White, blue and violet shades in this mixture. Tr. pkt. \$1.00, 1/16oz. \$1.50, 1/8oz. \$2.50.



PRIMULA denticulata grandiflora

"German's Seeds Germinate"

We mean just that. We supply only fresh, high-germinating seeds and have a reputation of doing so.

PYRETHRUM (Painted Daisies)

22,000 S; 65° to 70° F.; 2 to 3 weeks

James Kelway. Rich crimson-scarlet. Tr. pkt. 60c, 1/4oz. \$2.00.

Roseum, Single Mixed. Tr. pkt. 50c, 1/4oz. \$1.75, oz. \$5.00.

Robinson's Giant Hybrids. Tr. pkt. 60c, 1/4oz. \$1.75, oz. \$5.00.

German's Giant Double Mixed. High percentage of double flowers; excellent color range. Tr. pkt. 50c, 1/8oz. \$1.55, 1/4oz. \$2.75, oz. \$8.20.

SCABIOSA

2400 S; 65° to 70° F.; 2 to 3 weeks

House's New Hybrids. Tr. pkt. 45c, 1/4oz. \$1.35, oz. \$4.00.

TRITOMA (Red-Hot Poker)

20,000 S; 65° to 70° F.; 3 to 4 weeks (slow and uncertain)

Royal Castle Hybrids. Splendid new color range; flowers of perfect form.

Uvaria grandiflora. Fiery red with yellow.

Either of above, tr. pkt. 45c, 1/4oz. 80c, oz. \$2.40

TROLLIUS Ledebouri

8000 S; expose seed flats to freezing temperature for several weeks, then bring into 60° house

Dark Orange. As named.

Golden Queen. Golden orange petals, yellow anthers; large. The best variety. 3 to 4 ft.

Either of above, tr. pkt. 50c, 1/16oz. \$1.20, 1/8oz. \$2.00

VIOLA cornuta

24,000 S; 65° to 70° F.; 2 to 3 weeks

CORNUTA (Small-flowered Types)

Blue Gem (Jersey Gem). Deep violet-blue. Tr. pkt. 60c, 1/8oz. \$2.00.

Blue Perfection. Large-flowered light blue. Tr. pkt. 60c, 1/8oz. \$1.10, 1/4oz. \$2.00, oz. \$6.00.

Johnny Jump Up, Mixed. Small, free-flowering mixture. Tr. pkt. 60c, 1/8oz. \$1.35.

King Henry. Purple-violet with blue. Tr. pkt. 60c, 1/4oz. \$2.20, oz. \$6.50.

Lutea Splendens. Golden yellow. Tr. pkt. 60c, 1/8oz. \$1.10, 1/4oz. \$2.00, oz. \$6.00.

Papilio. Blue and white combinations. Extra dwarf. Tr. pkt. 60c, 1/8oz. \$1.10, 1/4oz. \$2.00.

CORNUTA HYBRIDA (Large-flowered Types)

Admiration. Deep violet-blue. Tr. pkt. 60c, 1/4oz. \$2.00, oz. \$6.00.

Arkwright Ruby. Rich crimson with dark eye. Tr. pkt. 60c, 1/8oz. \$1.10, 1/4oz. \$2.00, oz. \$6.00.

Chantreyland. Pure apricot; very free blooming. Tr. pkt. 60c, 1/8oz. \$1.10, 1/4oz. \$2.00, oz. \$6.00.

Purple Bedder. Rich wine-purple with small yellow eye. Tr. pkt. 60c, 1/8oz. \$1.60, 1/4oz. \$2.90.

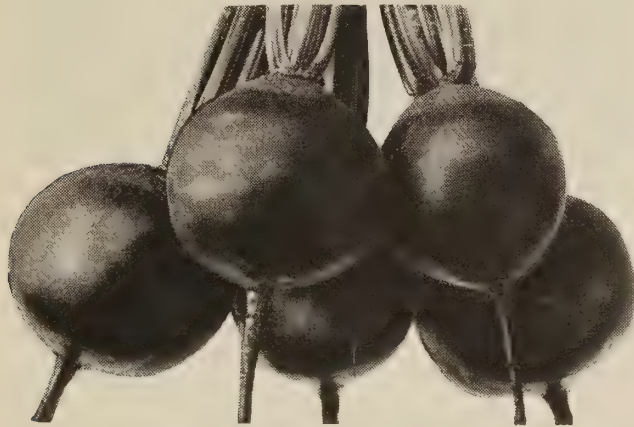
White Perfection. Large-flowered white. Tr. pkt. 60c, 1/8oz. \$1.10, 1/4oz. \$2.00, oz. \$6.00.

Yellow Gem. Best pure yellow. Tr. pkt. 60c, 1/4oz. \$1.60, oz. \$5.25.

German's Special Mixture. A superb mixture. Tr. pkt. 60c, 1/4oz. \$1.35, oz. \$4.80.

EXTRA-SELECT Vegetable Seeds

Days to maturity: The number of days indicated are from setting out plants to open fields, as applied to broccoli, cabbage, cauliflower, celery, pepper, and tomato, which ordinarily are transplanted.



BEETS, Ruby Queen

BEETS

	Oz.	1/4lb.
Crosby's Egyptian	\$0 15	\$0 50
Detroit Dark Red. Improved strain.....	15	50
Ruby Queen. All-America Winner for 1958. An extra-good new variety with very short tops and round, smooth, medium red roots without any rings inside. Good red color all through. Vigorous grower with good quality and flavor. Matures early ... Tr. pkt. 20c...	35	1 15

BROCCOLI

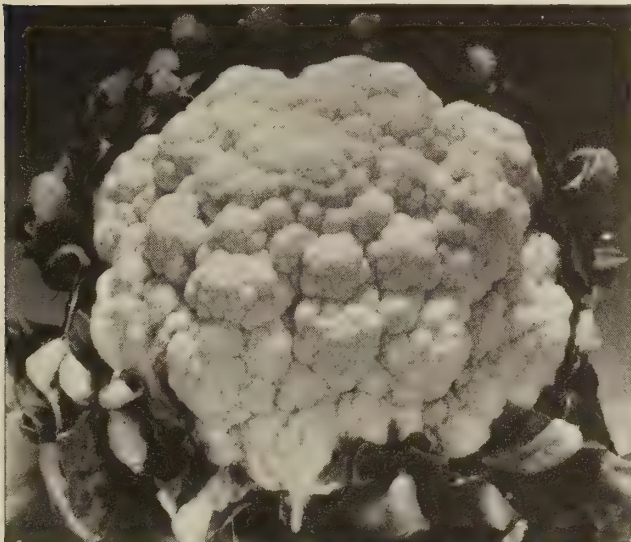
10,000 S; 65° to 75° F.

	Oz.	1/4lb.
Green Sprouting Early Tr. pkt. 20c..	\$0 50	\$1 55

BRUSSELS SPROUTS

7000 S; 65° to 75° F.

	Oz.	1/4lb.
Long Island Improved Tr. pkt. 20c..	\$0 50	\$1 50



CAULIFLOWER, Snowball "A"



F1 HYBRID CABBAGE

Every plant uniform and quite alike

CAULIFLOWER

7000 S; 65° to 75° F.

	1/2oz.	Oz.	1/4lb.
Extra Early Snowball. 52 days.....	\$1 40	\$2 50	\$8 25
Super Snowball. 55 days.....	1 40	2 50	8 25
Snowball "A." 55 days.....	1 40	2 50	8 25
Snowball "X." 65 to 70 days. Best for home gardens. Matures gradually. For main crop, or fall harvest.....	1 40	2 50	8 25

CABBAGE

7000 S; 65° to 75° F.

New F1 Hybrid Strains

We predict a remarkable future for these new Cabbage varieties. All who have grown them are pleased with the remarkable uniformity, high quality, solid and attractive heads they produce.

O-S Cross. All-America Winner. Its exceptional uniformity and vigor amazes all who have grown it. Very large, solid, flat heads with a small core and white interior. Matures at midseason.

N-S Cross. A sensation among market growers. Extremely hard, firm heads that are slow to bolt. Heads weigh 5 to 7 lbs., with a small core and white interior. Very uniform. Late season, 90 to 100 days.

Hybrid No. 4. A very uniform and dependable variety for late summer and fall.

Any of above, tr. pkt. (1000 seeds) \$1.00, 1/2oz. \$1.95, oz. \$3.50, 1/4lb. \$10.65



F₁ HYBRID CABBAGE (Center)

Two small heads are parent strains; center is the resulting F₁ Hybrid. Note its remarkable vigor.

CABBAGE, continued

Early and Medium Early Varieties

	Oz.	¼lb.	Lb.
Badger Market, Yellows-Resistant. Small, firm, high-quality heads..... ½oz. 50c...	\$0 90	\$2 75	\$8 25
Bonanza. 75 days. Outstanding shipping and market variety. Crack resistant.....	70	2 00	6 00
Early Jersey Wakefield. 65 to 70 days.....	55	1 65	4 75
Glory of Enkhuizen. 75 to 80 days.....	50	1 50	5 00
Medium Copenhagen, Yellows-Resistant.	65	1 90	6 00
Golden Acre, Yellows-Resistant. (New.).....	65	1 90	6 00



CABBAGE, Bonanza

Late or Winter Strains

	Oz.	¼lb.	Lb.
Danish Ballhead, Penn State Strain. Short stem. 105 to 110 days.....	\$0 75	\$2 10	\$6 00
Premium Late Flat Dutch. 100 to 110 days.....	50	1 50	4 50

CABBAGE, continued

Yellows-Resistant Strains

	Oz.	¼lb.	Lb.
Marion Market. 78 to 85 days....	\$0 65	\$1 90	\$6 00
Resistant Danish Ballhead. (New.) Uniform hard heading.....	75	2 20	6 50
Wisconsin Hollander No. 8. 105 to 110 days.....	80	2 40	7 00

Also see Medium Copenhagen and Golden Acre listed at left.

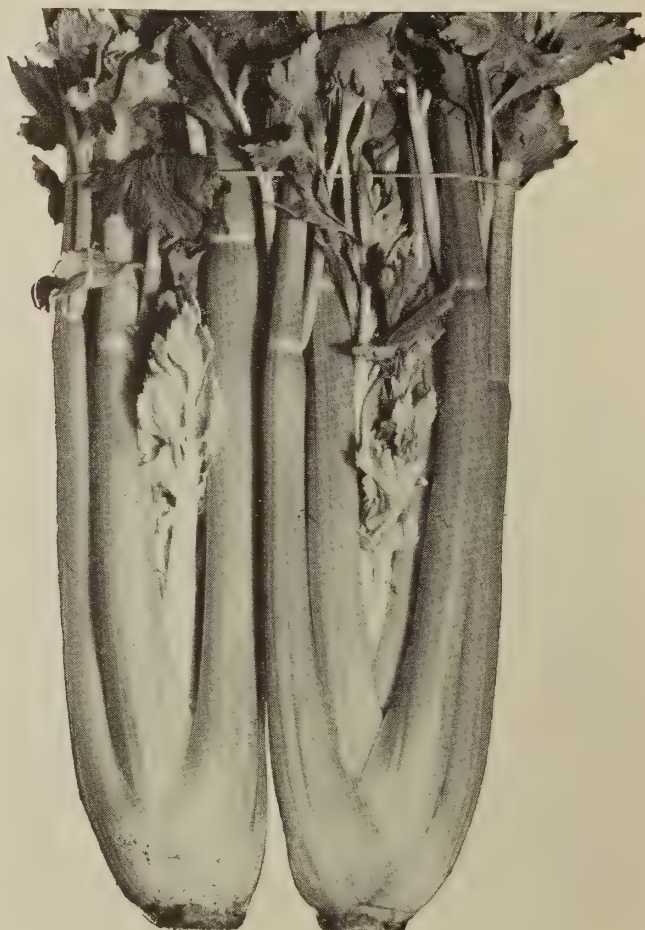
Red and Savoy

Round Red Dutch. 85 to 90 days. Early round red.....	60	2 00	6 00
Savoy, Chieftain. 85 to 90 days....	50	1 50	5 00

CELERY

8000 plants per oz.

	½oz.	Oz.	¼lb.
Cornell No. 619. 100 days. Self-blanching yellow; delightful flavor. Tr. pkt. 50c...	\$0 85	\$1 55	\$5 25
Dwarf Golden Detroit. 90 to 100 days.....	60	1 00	3 25
Golden Plume or Wonderful. 85 days. Golden..... Tr. pkt. 35c...	60	1 00	3 50
Summer Pascal. 140 days. Superior to Giant Pascal..... Tr. pkt. 50c...	90	1 50	4 30
Utah No. 15. 125 days. Green Tr. pkt. 50c...	85	1 40	4 35
Fullheart. 100 days. Creamy white. Tr. pkt. 35c...	60	1 00	3 35



CELERY, Summer Pascal



EGGPLANT, Mission Bell

EGGPLANT

6000 S; 65° to 75° F.

	Oz.	¼lb.	Lb.
Black Beauty. Most popular.....	\$0 70	\$2 25	\$7 50

F₁ Hybrid. Extra early; velvety black, oblong, small fruited. Pick in young stage. Vigorous and prolific.....
Tr. pkt. 75c, ½oz. \$1.25 2 25

F₁ Hybrid, Mission Bell. 70 ½oz. ¼oz. ½oz. Oz.
days. Deep, oval, dark glossy fruit, tapering slightly toward the stem. Smooth, shiny skin. Excellent quality. Plants vigorous, upright, medium tall. High yields and earliness combine in this outstanding varietyTr. pkt. 85c...\$1 45 \$2 60 \$4 30 \$7 80

CUCUMBER

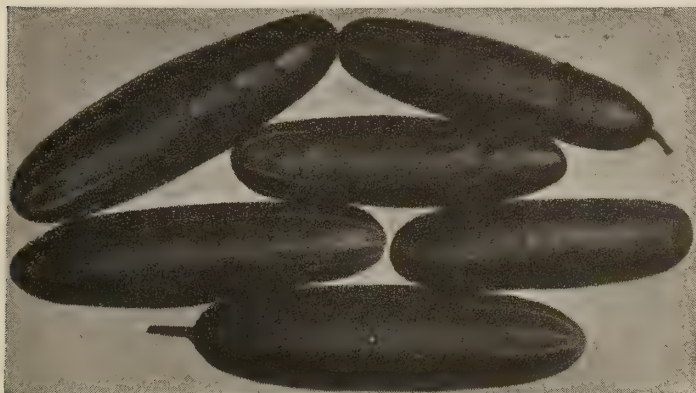
1000 S

Hybrid Early Surecrop. 58 days. All-America Bronze Medal. Dark green, slender, 8 to 9-in. fruits with blunt ends. Crisp white flesh.Tr. pkt. ½oz. Oz. ¼lb.
\$0 50 \$1 40 \$4 20 \$12 50

Hybrid Early Marketer. (New.) Grows 8½ to 9½ in. long and 2¼ in. in diameter. Dark green fruits, resistant to mosaic and downy mildew. For earliness, it can't be beat 50 1 40 4 20 12 50

Early Hycrop Pickling. The finest producer of pickling Cucumbers.Tr. pkt. ½oz. Oz.
\$0 50 \$1 40 \$4 20

Percentage of germination and date tested is stamped on each packet of vegetable seeds.



CUCUMBER, Hybrid Early Surecrop

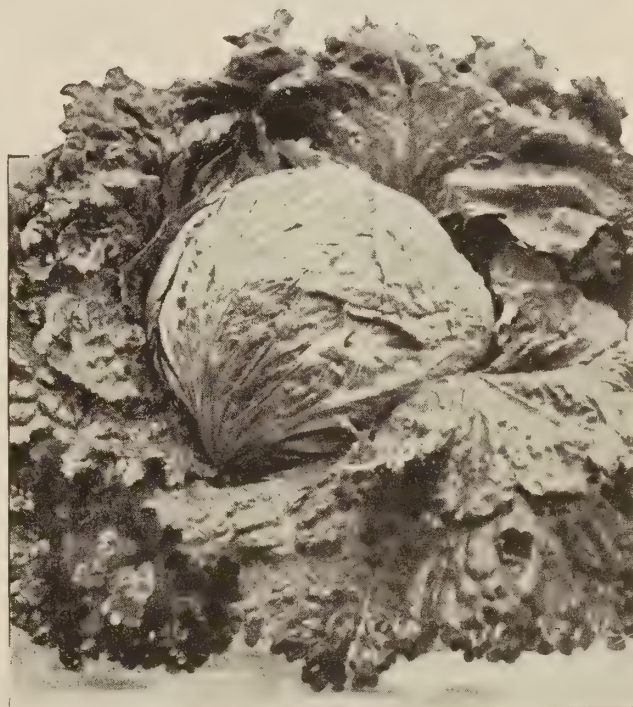
LETTUCE

15,000 S; 60° to 70° F.

	Oz.	¼lb.	Lb.
Loose-leaf			
Grand Rapids.	\$0 25	\$0 70	
Ruby. All-America Winner for 1958. Meets the increasing demand for red Lettuce.....	Tr. pkt. 50c..	1 30	4 00
Salad Bowl. 45 days. Heat resistant. Stays tender all summer	Tr. pkt. 25c	60	2 00
Red Salad Bowl. Red strain of the popular Salad Bowl...	Tr. pkt. 50c	1 30	4 00

Head Lettuce

Bibb Forcing. Butterhead type.	30	1 00	
Great Lakes No. 428. 75 to 80 days. Early. Large, well-rounded heads with smooth base and small ribs.	55	1 65	\$5 50
Great Lakes No. 659. Most successful in northern and eastern sections. Large round heads... Tr. pkt. 30c.	65	1 75	
Pennlake. 76 days. Best for early crops. Resistant to tipburn.	Tr. pkt. 25c..	\$0 80	\$2 15 \$3 25
Premier Great Lakes. 80 days. Head solid, practically round, up to 7 in. in diameter and two pounds in weight. Slow to bolt and very resistant to tipburn.....	75	2 00	3 15



LETTUCE, Great Lakes No. 659

QUALITY OF VEGETABLE SEEDS

NOTICE: We have either visited the trial grounds of the growers from whom these seeds are purchased or had their strains in our own trial grounds. It is our opinion that there are too many inferior (or cheap) seeds on the market today. We have spared no expense in obtaining the seeds in this list, and we offer only those considered by us to be outstanding strains. We are proud to offer these Extra-Select Strains and assure you that our vegetable seeds are of the same high standard as our Florists' Flower Seeds.

MUSKMELON

1000 S

Early Delicious No. 51. 85 days. For home gardens and local markets.	Tr. pkt.	1/2oz.	Oz.	1/4lb.
	\$0 20	\$0 35	\$0 65	\$1 50
Iroquois. 89 days. Widely grown for home and market. . .	20	35	65	1 50
Pennsweet. All-America Selection for 1955. Developed for short-season areas.	30		55	1 70
Super Market. F ₁ hybrid. Deep salmon, thick, firm flesh; sweet delicious flavor. Seed cavity small. Outstanding yields. Fruits 7 in. long and 6 in. in diameter. Resistant to fusarium and downy mildew. 4 to 5 lbs. . .	Tr. pkt.	1/4oz.	Oz.	
	\$1 00	\$2 25	\$8 50	



Smaller and fewer seeds than other Icebox types

WATERMELON
Takii Earliest Gem

WATERMELON

415 S

New Hampshire Midget. Early. Small icebox type.	1/2oz.	Oz.	1/4lb.
	\$0 35	\$1 20	
Takii Earliest Gem. Best quality of the early icebox types and with fewer seeds. Oval fruits, 5 to 6 in. in diameter, bright red flesh. . . Tr. pkt. 25c. . .	\$0 40	65	1 75

ONION

9000 S

We are proud of our reputation for high-germinating Onion seed.

Prizetaker. 105 days. Good shipper. Light yellow skin; white flesh. Very sweet and tender.	Oz.	1/4lb.	Lb.
	\$0 70	\$2 30	\$6 90
Utah Sweet Spanish. 112 days. Skin amber-yellow; globe-shaped. Flesh firm but juicy and sweet. Good keeping quality.	70	2 30	6 90

PEPPER

3000 S; 70° to 80° F.

Sweet Varieties	Oz.	1/4lb.	Lb.
Bullnose, Mild. 57 days. 4 in. long and 3 in. in diameter.	\$0 65	\$2 20	\$6 50
California Wonder. 74 days. Thick flesh, true stock.	75	2 50	7 50
Calwonder Early. 69 days. Early selection of above.	85	2 50	8 50
Golden Wonder. 75 days. Golden-fleshed California Wonder.	1 00	3 35	10 00



PEPPER
California Wonder



PEPPER
Pimento Perfection

PEPPER, continued

Harris Early Giant. 63 days. Three-lobed, gently tapered fruit. . .	Oz.	1/4lb.	Lb.
	\$0 80	\$2 40	\$8 00
Illinois F 5 or Allbig. (New.) 65 days. An improvement on World Beater. Fruits shaped like World Beater but more compact. Medium thick walls. Bears continuously, even in hot seasons. . . 1/2oz. 60c. . .	1 00	3 00	9 50
King of the North. 65 days. Early strain of Ruby King.	75	2 25	7 50
Pennwonder. The earliest Pepper of good size, thick meat and blocky shape. Thick flesh, sweet and mild. Ripens early and gives heavy yields.	80	2 40	8 00
Pimento Perfection. 80 days. Heart-shaped fruits; unusually thick flesh.	70	2 50	7 50
Sunnybrook (Pimento). 73 days. Tomato-shaped fruit, thick and very mild.	75	2 40	7 50
Sweet Banana. 63 days. Similar to Hungarian Yellow Wax except for its sweetness.	1 00	3 25	
World Beater No. 13. 70 days. Four-lobed fruit.	60	2 00	6 00

Hot Varieties

Bullnose, Hot. 65 days. Ribs pungent, otherwise mild.	70	2 40	7 00
Hungarian Yellow Wax. 65 days. Fruits pendent, medium slender, tapering, smooth and very pungent. Waxy yellow.	75	2 50	7 50
Large Red Cherry. 80 days. Fruit round, smooth, solid and very pungent.	75	2 30	7 50
Long Red Cayenne. 70 days. Fruits tapering, very pungent, averaging an inch in diameter at shoulder. . .	60	2 00	6 00

Tr. pkts. of any of the above Pepper varieties at 30c each

TOMATO

7000 S; 60° to 70° F.

Special Forcing

Michigan State Forcing. Wilt-resistant. Developed at Michigan State College. Rich, deep scarlet fruits, averaging 4 to 5 ozs. Early and heavy yielder. Tr. pkt. 25c, 1/4oz. 50c, oz. \$1.50.

TOMATO, continued

7000 S; 60° to 70° F.

F₁ Hybrids

Big Boy Hybrid. (R) 78 days. Fruit to 1 lb. Tr. pkt. \$2.25, 1/8oz. \$4.50, 1/4oz. \$8.50, 1/2oz. \$16.00, oz. \$30.00.

Early Giant Hybrid. (New.) The best hybrid for earliness and large fruit size. No other hybrid can equal it for both size and earliness.

Fordhook Hybrid. 60 days. Early; very prolific.

Giant King. (New.) 80 days. Colossal size, very smooth, bright scarlet. Firm, meaty flesh of excellent flavor and quality.

Red Hybrid No. 21. Medium early, bright scarlet. A heavy yielder of large round fruit. Meaty; few seeds.

Wonder Boy. (New.) 68 days. Scarlet-red. Extremely large, deep, round, smooth fruit of excellent flavor. Bred for very large size and heavy yield.

Any of above, except Big Boy Hybrid, 300 seeds \$2.00, 1/4oz. \$6.50, 1/2oz. \$12.00, oz. \$23.50

(R) Reg. Trade Mark of W. Atlee Burpee Co.

Stokescross

The astonishing hybrid vigor of the Stokescross Tomatoes will, in varying degrees, develop these advantages: production increase up to 30%; earlier, more continuous and profuse fruit setting; more extended harvest season; distinctive qualities of color, flavor and firmness; less cracking of fruit.

Stokescross No. 1. Extra-Tr. pkt. 1/4oz. Oz. 1/4lb. early—65 days. Superior in nearly every respect to Stokesdale. Average weight 3 ozs. Color and flavor are unique. Plants may be set 2 by 3 ft., for the foliage is light. \$0 75 \$1 25 \$3 50 \$12 00

Stokescross No. 4. 70 days. This variety will mature a profusion of 5-oz. Tomatoes. Developed for the shipping trade and for northern processors. 75 1 25 3 50 12 00

Stokescross No. 5. Early main-crop—77 days. Average weight 6 ozs. Distinguished by its amazing vigor. Production increase up to 30% is not unusual. Rich flavor and high color... 75 1 25 3 50 12 00



TOMATO, Wonder Boy

Outstanding Improved Strains

Penna. Certified Tomato Seed, by Stokes. Treated with New Improved Ceresan. The following strains are sold in the grower's sealed packets only.

Master Marglobe. (Stokes.) The most outstanding uniform strain that we have ever seen. Average weight 5 1/2 ozs. Chiefly resistant to fusarium wilt and nailhead rust. Oz. 90 1/4lb. 2 50 Lb. 7 50

Rutgers. (Stokes.) A specially developed strain. Large, deep, productive and vigorous. Dual-purpose variety, suitable as a shipper or for canner use. 90 2 50 7 50

Stokesdale. (Stokes.) 75 days. Fine canner. 70 2 20 6 50

Standard Tomatoes (B.R. signifies resistant to blight).

Beefsteak (Crimson Cushion). 90 days. Oz. 85 1/4lb. 2 70 Lb. 8 00

Bonny Best. (Ceresan treated.) 70 days. 70 2 35 7 00

Break O'Day. 70 days. (B.R.) 60 2 00 6 00

Firesteel. 68 days. (B.R.) Sure cropper. 70 2 35 7 00

Giant Tree or Italian Potato Leaved. 90 days. Extra-large, pink fruits often weighing 1 lb. or more. Few seeds. Tr. pkt. 50c, 1/4oz. \$1.20. 3 60 12 00

John Baer. (Certified, Ceresan treated.) 70 days. 80 2 40 8 00

Long Red. (Certified, Ceresan treated.) Outstanding for the main crop. Enormous yields of large fruit. Bears until frost. Rich red, solid flesh; smooth, globe-shaped fruit. 80 2 40 8 00

Oxheart. 90 days. Pink. 1 10 3 65 11 00

Ponderosa. 90 days. Deep purplish pink. 90 3 00 9 00

Pritchard (Scarlet Topper). (Certified.) Fine all-round variety. Heavy yielder; second early. 65 2 20 6 50

Queens. Large, firm, market type. Globe-shaped, thick-walled fruit. 10 days earlier than Rutgers. 90 2 80

Sunray. Deep orange flesh; blight resistant. 1 00 3 00

Valiant. 70 days. Large, smooth, firm fruit. 90 3 00 9 00

Small-fruited Tomatoes

Red Cherry. Small fruits. 1/2 in. in diameter. 75 2 50

Red Top. 75 days. Plum shaped. For paste and purees. Tapley stock, one year removed. 1/2oz. 60c. 1 10 2 75

San Marzano. 70 days. For Tomato paste. 1 00 3 00

Yellow Plum. Yellow, plum-sized fruits. 75 2 50

Tr. pkts. of any of the above standard Tomato varieties at 35c each

SUPPLIES

Our customers have repeatedly asked that we stock the following supplies. We have always specialized in seeds but hope the addition of these items will be helpful to you.

PLANT-PAKS New, Improved Rigid Formulation—Increased Drainage

These "Paks" save the time consumed in digging and wrapping plants and help you place a far better plant in your customers' hands. Now greatly improved with a more rigid formulation for the entire line, which will give it much longer life on the grower's benches. The number of drainage holes has been increased to insure more positive drainage. The cost saving of shallow containers is a myth. Growers are rapidly finding that cost differentials are overcome by increased costs of labor and materials (watering and fertilizing). The swing is definitely to 3-in.-depth containers.



Featherweight. Lighter to handle, thus reducing shipping costs. "Paks" nest together and reduce storage space to a minimum.

Eye-Appealing. They are neat and attractive when used in any display.

Strong and Durable. Made of molded cellulose, they are resilient; no cracking or breaking. Contain no materials toxic to plants. Will keep their shape and not rot for six months.

Direct Planting. Plant direct, thus saving time and labor. Ready to merchandise.

Waterproof, Yet Porous. Moisture is retained in the soil and healthy root structure is encouraged.

Sizes to Suit Any Grower. They come in many sizes. Find the correct package for your market.

TEKPAKS

No.	Dimensions (inches)	250- 750, Per 1000	1000- 4750, Per 1000	5000- 9750, Per 1000	10,000- 14,750, Per 1000	Approx. Wt. Per 1000	No. to Carton
*55	4½ x 5 x 2½	\$35.10	\$33.75	\$32.40	\$31.05	87 lbs.	500
*553	4½ x 5 x 3	\$39.95	\$38.45	\$36.90	\$35.35	97 lbs.	500
453	4 x 5½ x 3	\$46.15	\$44.40	\$42.60	\$40.80	101 lbs.	500
463	4½ x 6¼ x 3	\$48.75	\$46.90	\$45.00	\$43.15	122 lbs.	250
48	4¾ x 8 x 2½	\$51.35	\$49.40	\$47.40	\$45.45	134 lbs.	250
563	5 x 6¼ x 3	\$49.75	\$47.80	\$45.90	\$44.00	140 lbs.	250
*58	5 x 8 x 2½	\$43.85	\$42.20	\$40.50	\$38.80	141 lbs.	250
573	5 x 7 x 3	\$55.55	\$53.45	\$51.30	\$49.15	148 lbs.	250
*583	5 x 8 x 3	\$57.55	\$55.30	\$53.10	\$50.90	159 lbs.	250
*683	6 x 8 x 2¾	\$57.55	\$55.30	\$53.10	\$50.90	163 lbs.	250

*Two depths offered.

Brown color only

All prices net, no discount. Shipped via truck unless you specify otherwise. Sold only in full cartons.

TEKPOTS

No.	Size	Per 1000	Approx. Wt. per 1000	No. to Carton
225	2¼ in. Std.	\$13 95	21 lbs.	3500
25	2½ in. Std.	14 65	23 lbs.	2000
30	3 in. Std.	18 60	28 lbs.	2000
40	4 in. Std.	29 10	51 lbs.	1000
50	5 in. Std.	51 75	77 lbs.	500
60	6 in. Std.	77 35	146 lbs.	250
675	6¾ in. Std.	73 20	140 lbs.	250

Standard color—brown. All prices net, no discount. Shipped via truck unless you specify otherwise. Sold only in full cartons.

MARKET-PAKS

		Packed Per case	Wt. Per case
No. 24.	4½ in. x 5¾ in. x 2½ in. deep.	250	17 lbs.
No. 30.	3 in. x 10¼ in. x 2¾ in. deep.	200	18 lbs.
No. 42.	5½ in. x 7½ in. x 2¾ in. deep.	200	20 lbs.
No. 60.	6 in. x 10 in. x 2½ in. deep.	125	19 lbs.

Growers prices per 1000

	Less than 1000	No. 24	No. 30	No. 42	No. 60
No. 24 (250 for \$7.50)....	\$29 00				
No. 30 (200 for \$9.60)....		\$48 00			
No. 42 (200 for \$9.60)....			\$46 00		
No. 60 (120 for \$8.00)....					\$64 00
1,000 to 9,875.....	26 00	43 00	42 00	58 00	
10,000 to 49,875.....	24 00	40 00	38 00	53 00	

Prices Net F.O.B. Smethport, Pa.
NO DISCOUNT ON SUPPLIES

SUPPLIES, continued

All Plant-Paks and Pots will be shipped prepaid, provided the shipment weighs 150 pounds or more

BIRD VITA-M POTS

A new pot of molded pulp construction, closely resembling a clay pot in appearance and dimensions. It is extremely lightweight but completely durable with comparatively smooth interior and exterior surfaces. You may grow and ship in the Vita-M Pot, or it may be reused as many as four times or more without deterioration. Plants are easily knocked out of Vita-M Pots, leaving clean interior pot surfaces. No breakage.

Sold in original cartons only.

Size	Weight per 1000	Packed per case	Price per 1000
2¼-in.	25 lbs.	1000	\$14 95
2½-in.	31 lbs.	1000	15 50
3-in.	43 lbs.	1000	17 40
4-in.	38 lbs.	500	25 70

F.O.B. Smethport or East Walpole, Mass.

BIRD VITA-GREEN POTS IDEAL FOR PRIME PLANTS



Bird Vita-Green Pots disintegrate after they're planted. Eliminate transplant shock. "Vita" nutrient feeds plant. Ideal for prime annuals and vegetables, hybrids, specialties. Easily space out prime plants to allow for heavier top growth. No rootball to remove—no empty pots in transplanting. Contain roots approximately 12 weeks. **Sold in original cartons only.**

Size	Weight per 1000	Packed per case	Price per 1000
2¼-in.	17 lbs.	2000	\$7 10
2½-in.	22 lbs.	2000	8 60
3 -in.	31 lbs.	2000	12 40
4 -in.	31 lbs.	1000	16 75

BIRD PEAT POTS

High-quality peat blended with other ingredients according to an exclusive formula for strong, ruggedly built pots that resist chipping during shipping and handling. **An extra feature is the new rugged rim**, which provides added strength at the vulnerable top area. This helps avoid breakage at the top. Water won't run out through chipped openings. This saves watering time and assures sufficient moisture for the plants. Roots penetrate freely into the nutrient-saturated pots. Plants are fed not only at the start but also as the pot disintegrates after transplanting.

Size	Price per 1000	Quantity per case	Weight per case
2¼-in.	\$7 00	2000	22 lbs.
3-in.	13 00	2000	38 lbs.

All sales are full cases only

Prices on pots and bands subject to change without notice

BIRD'S GRO-TAINER



The modern seedling flat, combining all of the top features necessary to grow top quality plants. Holds one dozen plants. No water-logging. Designed for proper moisture control. One drainage hole is under normal center

of each plant. **Sold in original cartons only.**

		Packed per case	Wt. per case	Price per 1,000
No. 2.	6 in. x 4 in. x 2½ in. deep.	200	22 lbs.	\$44 00
No. 3.	8⅜ in. x 6⅞ in. x 2⅝ in. deep.	200	28 lbs.	58 00
No. 4.	8 in. x 6 in. x 2½ in. deep.	200	37 lbs.	68 50

Listed below are the proper Vita-Band sizes to be used with the Bird Gro-Tainers.

- No. 2. Will hold 6—2 x 2 x 2½ Vita-Bands.
- No. 3. Will hold 12—1¾ x 1¾ x 2½ Vita-Bands.
- No. 4. Will hold 12—2 x 2 x 2½ Vita-Bands.

Vita-Bands prices, see below.

BIRD GROWTH-STIMULATING PLANT BANDS

VITA-BAND D contains root growth until grower chooses to let root through Band. Only quick, slight pressure is needed to crack Band. Do not remove Vita-Band "D" when transplanting. Band disintegrates in the soil, permitting free growth of roots from time of transplant. Nutrient-treated with quickly available plant food.

VITA-BAND 10 for short growing periods. Will usually contain root growth up to approximately 8 to 10 weeks. Nutrient-treated with quickly available plant food . . . your judgment determines need for additional feeding. Vita-Band 10 is identical to Vita-Band "D" except Vita-Band 10 is removed at time of transplant. Vita-Band "D" is not.

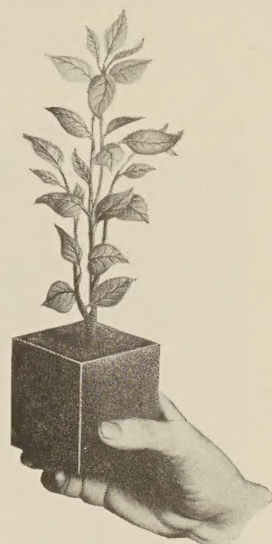
VITA-BAND H is the new nutrient-treated successor that replaces Bird Vita-Band 40. Vita-Band "H" controls root growth of plants which demand extra long growing periods.

QUANTITY DISCOUNT. On 50,000 Bands or over 5%; 200,000 or over 10%, F.O.B. Smethport or East Walpole, Mass.

PRICES—QUANTITIES—WEIGHTS

	SIZES	1½x1½ x2½	1¾x1¾ x2½	2x2 x2½	2x2 x3	2½x2½ x3	3x2 x3
PRICE PER M	VB-10	\$4.70	\$5.03	\$5.25	\$5.75	\$6.25	\$5.90
	VB-D	4.85	5.15	5.35	6.05	6.30	7.05
	VB-H		6.10	6.45	7.55	8.10	8.50
VITA- BAND 10	Quantity Per Case	2M	2M	2M	2M	2M	1M
	Weight Per Case	33 lbs.	38 lbs.	42 lbs.	51 lbs.	63 lbs.	37 lbs.
VITA- BAND D	Quantity Per Case	2M	2M	2M	2M	2M	2M
	Weight Per Case	18 lbs.	21 lbs.	23 lbs.	28 lbs.	34 lbs.	40 lbs.
VITA- BAND H	Quantity Per Case		1M	1M	1M	1M	1M
	Weight Per Case		26 lbs.	30 lbs.	36 lbs.	44 lbs.	52 lbs.

We Do Not Break Original Cases



JEFFY-POTS

The New Plant-Growing Container

This molded container is composed of 75% peat and 25% wood fiber, with soluble fertilizers added. These long-lasting pots can be used for many normal potting jobs. They are inexpensive, lightweight, need less watering and provide ideal root aeration. Used extensively for bedding plants, geraniums, hybrid tomatoes, poinsettias, cyclamen, tuberous-rooted begonias, gloxinias, carnations, chrysanthemums, snapdragons, asters, etc. With proper wrapping, plants can be shipped in them.

Jiffy-Pots are vulnerable to damage by careless handling when extremely wet. Dry and partially wet, they are tough and durable. When extremely wet, they should be held in the hand like a drinking glass rather than by the rim or edge.

All prices net, no discount

2 1/4-in. pots	Per 1000
3000 to 18,000 (3000 for \$21.75).....	\$7 25
21,000 to 72,000.....	6 75

Sold in cases of 3000 F.O.B. our warehouse in Smethport, Pa. Shipping weight 35 lbs. per case.

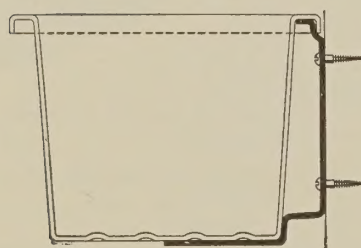
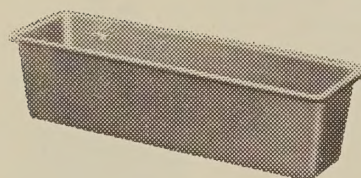
3-in. pots

Per 1000

1500 to 9000 (1500 for \$19.88).....	\$13 25
10,500 to 49,500.....	12 25

Sold in cases of 1500 F.O.B. our warehouse in Smethport, Pa. Shipping weight 35 lbs. per case.

BO-KAY FIBER GLASS FLOWER BOXES



Metal Wall Brackets for above, 60c (retail at 90c).

Molded of fiber glass reinforced plastic. Guaranteed against leaking; corrosion-proof. Will outlast steel and wooden boxes. No painting required, nor is the surface finish subject to unsightly scratches. They come in four colors or can be bought in an assortment containing 3 green, 1 white, 1 black and 1 brick-red. 18 in. retails at \$2.70; carton of 6, \$9.72. 24 in. retails at \$3.15; carton of 6, \$11.34. 30 in. retails at \$3.55; carton of 6, \$12.78. 36 in. retails at \$4.35; carton of 6, \$15.66.



ROOTONE

Reg. U. S. Pat. Off.

ROOTONE. A plant hormone powder for rooting cuttings and increasing root growth. 2 ozs. \$1.00, lb. \$5.00. Prices net, F.O.B. Smethport, Pa.

ROOTONE F (fungicide added). Lb. \$5.00.

FUMIGATORS

Parathion. For red spiders, aphids and thrips on florists' crops. Carton of 24 cans.

2000 cu. ft.....	\$11 50	10,000 cu. ft.....	\$17 00
5000 cu. ft.....	14 50	20,000 cu. ft.....	26 00

Aphid-Smoke. For aphids and adult white flies on florists' crops. Carton of 24 cans.

2000 cu. ft.....	\$11 00	10,000 cu. ft.....	\$17 00
5000 cu. ft.....	14 00	20,000 cu. ft.....	25 00

Spider-Mite. For red spiders, including some Parathion-resistant strains on carnations, chrysanthemums and snapdragons. Carton of 24 cans.

2000 cu. ft.....	\$11 50	10,000 cu. ft.....	\$19 00
5000 cu. ft.....	14 50	20,000 cu. ft.....	31 00

Prices net, no discount

SLUG CONTROL

SLUGIT. New method of controlling slugs and snails. Not a bait, but a liquid sprayed over soil and growing plants. It is both a stomach and a contact insecticide. Effective and easy to apply. Easily sprayed on open ground and plants with a Bordeaux nozzle. One gal. covers about 4800 sq. ft. Effective for about two weeks. Gal. \$12.00, 8-oz. bottle 90c, 4-oz. bottle 60c. Prices net, F.O.B. Smethport, Pa.

Pano-drench 4

New soil drench. You can end losses from damping-off by a single drenching with this new liquid soil sterilizer. So highly concentrated that a 4-oz. bottle can be diluted to provide 72 gals. of drench, enough to treat 500 sq. ft. Soil may be planted immediately after being drenched. You don't have to wait for it to dry. Use it normally in concentrations of 1 to 2 teaspoonfuls per 3 gals. of water, *applied at the rate of 1 1/2 to 2 pts. per sq. ft. of soil.* It has been tested at the recommended dosage on flowers, vegetables, seed flats, propagating benches and stock benches without harmful effects to growing plants. Cases of known control for as long as three months have been reported. Hozon applicator stock solution use 1 oz. per gal. water.

Oz.....	\$1 95	4 ozs.....	\$5 95	16 ozs.....	\$19 20
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Prices net, F.O.B. Smethport, Pa.

ANTI-DAMPING-OFF CONTROLS

Fulex A-D-O

For inhibiting the spread of rhizoctonia, pythium and fusarium stem rot diseases. Use for dipping cuttings, drenching sand, vermiculite, peat, peat moss, etc. Use it on seed beds or on soil; also direct on seedlings and growing plants. This material contains 25% hydroxyquinoline sulfate and has proved itself, after extensive use, to be of great value as a control of lily root rot.

Should not be used on crucifers.

Pt.....	\$4 95 (makes 128 gals.)
Qt.....	9 50 (makes 256 gals.)

Prices net, F.O.B. Smethport, Pa.



PETUNIA, VELVET ROBE

New color in F₁ Hybrid Petunias. See page 16.



PRIMULA VERIS, COLOSSEA MIXED

Sales on this popular item are rapidly increasing. See page 28.



MARIGOLD, CRACKERJACK

An extremely early, giant-flowered Marigold. See page 13.



PANSY, CLEAR CRYSTALS

Early-flowering, gay self colors without blotches. See page 14.



SALVIA, FIREWORKS

We predict this new variety will rapidly replace St. John's Fire. See page 20.



PETUNIA, MODESTY

Soft silvery blue to lavender. See page 16.

H. G. GERMAN **SEEDS**

Florists' Flower Seeds

SMETHPORT • PENNA.



COLEUS, AUTUMN SPLENDOR

Coppery to deep red with golden yellow border. See page 10.



**MARIGOLD,
DAINTY MARIETTA**

Saucy flowers on dwarf 9-inch plants. See page 13.